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Service Description

# Service Description

**Micro Focus Operations Bridge - SaaS**

**April 2023**

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This Service Description document describes the components and services included in Micro Focus Operations Bridge (“OpsB”) Premium on Software-as-a-Service (which also may be referred to as “SaaS”). Unless otherwise agreed to in writing, this Service Description is subject to the Micro Focus Customer Terms for Software-as-a-Service, or the applicable Micro Focus Pass-Through Terms, and represents the only binding terms governing Micro Focus International plc and its affiliates (“Micro Focus”) respective obligations regarding its provision of this SaaS to the end-user Customer. Any other descriptions of the features and functions of the SaaS, public statements, including advertisements, shall not be deemed as additional features or functionalities that Micro Focus is required to deliver.

## Standard Service Features

### High Level Summary

Micro Focus Operations Bridge - SaaS is a native cloud application that delivers Full Stack AIOps, including Event Management, Analytics & OPTIC Data Lake, Dashboarding and Reporting, and Managed Hybrid IT Monitoring.

### SaaS service delivery components

SaaS Delivery Components	Included
One OpsB-SaaS Premium production tenant	✓
One OpsB-SaaS Premium non-production tenant	✓
Five (5) years daily aggregation in OPTIC Data Lake data retention	✓
One (1) TB monthly of data extraction (egress) from OpsB-SaaS	✓
OpsB-SaaS Integration Hub	○
Capacity extension to OPTIC Data Lake	○
Additional data extraction (egress) from OpsB-SaaS	○

✓ = Included

○ = Optional for an additional fee

### SaaS operational services

SaaS operational services	Included
<b>Onboarding:</b> Kick-off meeting, handover of product and support materials, verification of online access, scope validation and service goals, discussion of training requirements	✓
Customer Success Management (CSM) Meetings	✓
Product Support	✓
Service Health portal	✓
Install and configure Monitoring Service Edge with OpsB-SaaS instance	○
Onsite OBM Integration with OpsB-SaaS	○
OBR Migration to OpsB-SaaS OPTIC Reporting Service	○
Business Value Dashboard Creation/Customization Service	○

✓ = Included

○ = Optional for an additional fee

## Onsite operational services

Onsite operational services	Included
Update onsite OpsB components (Monitoring Service Edge, OBM, SiteScope, Operations Agent, APM, BPM, Management Packs, Integration Hub) starting from minimum supported versions*	✓
Install onsite OpsB Components (OBM, SiteScope, Operations Agents, APM, BPM, Management Packs, Integration Hub)	○
Update onsite OpsB Components (OBM, SiS, Agents, APM & MPs, Integration Hub) to minimum OpsB-SaaS supported versions*	○

✓ = Included

○ = Optional for an additional fee

\*Full documentation of the capabilities of Operations Bridge - SaaS solution, and the optional capabilities outlined in this service description is available at: <https://docs.microfocus.com/itom/OBS:SaaS/GetStarted>

## Architecture Components

Micro Focus Operations Bridge - SaaS solution infrastructure consists of two (2) parts:

- **Micro Focus Operations Bridge - SaaS** which is a cloud native platform that delivers event management, analytics, data consolidation, hyperscale cloud monitoring, dashboarding and reporting.
- **Micro Focus provided onsite components** used to collect monitoring data from inside the customer's firewall or other locations. The onsite components cover Consolidation, Systems Management and Application Performance Management use cases.

Micro Focus deploys **Micro Focus Operations Bridge - SaaS** using a shared infrastructure platform, monitors the system for 24x7 availability, and provides related 24x7 infrastructure support, including application version upgrades. The Customer accesses Micro Focus OpsB-SaaS application through the Internet (HTTPS).

**Micro Focus provided onsite components** include:

- **Monitoring Service Edge** is an optional component used to collect and forward metrics collected by the Operations Agent to OpsB-SaaS, and routes CLI requests to the SaaS instance from inside the customer's firewall.
- **Micro Focus Operations Bridge Manager (OBM)** is an optional component that collects event, topology and performance management data originating from servers, networks, applications, storage, and other IT silos within the customer's Data Center secured via a firewall and it forwards to the OpsB-SaaS instance for consolidation in the central event console.
- **Micro Focus SiteScope** is an optional component in an agentless environment to collect key performance measurements and report topology on a wide range of back-end infrastructure components. The monitors are individually configured to automatically test performance and availability of systems and services in the network environment.
- **Micro Focus Operations Agent** is an optional component to monitor a system by collecting metrics that indicate the health, performance, resource usage, and availability of essential elements of the system.
- **Micro Focus Business Process Monitor** is an optional component to monitor synthetic transactions of an application such as end-user experience, availability, and performance of applications.

- **Micro Focus Application Performance Management** is an optional component to isolate problems real-time for applications deployed on-premise, cloud, or mobile.
- **Micro Focus Operations Bridge Integration Hub** is an optional component to create powerful integrations. Integration Hub seamlessly runs in the environment while extracting and transferring data between systems in real-time.

Full documentation for integrating onsite components with the OpsB-SaaS instance is available at: <https://docs.microfocus.com/itom/OBS:SaaS/GetStarted>

In general, the following map to 1 Unit:

**Consolidation Use Case:**

- 1 Unit for 1 OS Instance or 5 Transactions or 1 Million Page Views/Month or 10 Network Devices or 10 Storage elements from other monitoring tools for Monitored Node from 3rd Party Monitoring Tool like SCOM, OEM, etc. OR

**Systems management Use Case:**

- 1 Unit for agentless monitoring using SiteScope for 1 Node (includes all Micro Focus SiteScope Solution Templates, and SiteScope Monitors OR
- 1 Unit for URL Monitoring using SiteScope for 10 URLs (includes monitors of the following type: URL, URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics) OR
- 1 Unit for Basic Transaction Monitoring using SiteScope for 5 Transactions OR
- 1 Unit for Basic Services Monitoring using SiteScope for 10 Services. Basic Services include URL, ping, port, DNS, FTP, SNMP, SNMP Trap, browsable SNMP, or network bandwidth monitoring OR
- 2 Units for Infrastructure Monitoring using Agent-OR
- Cloud resources monitored via onsite management pack - 1 Unit for 10 Cloud Service infrastructure Instances (e.g., AWS EC2, AWS ECS, AWS S3, Azure VM, Azure Container Services, Azure Storage) or 1 Cloud Service Platform Instances (e.g., SQL, AD, Load Balancer, RDS, ELB etc) OR
- Cloud resources monitored via hyperscale cloud monitoring in SaaS - 1 Unit for 1 Cloud Service Infrastructure Instance (e.g. EC2, EC2 ASG, ELB, EBS, S3, RDS, SNS, SQS, ECR, EKS, Azure Virtual Machine, Virtual Machine Scale Set, Container Registry, Load Balancer, etc) OR
- 1 Unit for 10 Network Devices or 10 Containers or Note: Virtualization hypervisors require licenses for the hypervisor host and each virtual machine (guest) OR
- 1 Unit for 1 service monitored in Microsoft 365 (e.g Exchange, SharePoint, Teams, OneDrive) or

**Application Performance Management Use Case:**

- 1 Unit for Synthetic Monitoring of 1 Transaction from single location or
- 5 Units for Synthetic Monitoring of 1 Transaction from Unlimited locations or

125 MB of OPTIC Data Lake storage is included per 1 Unit.

Any required onsite components are installed and configured by the Customer or Customer can chose to contract out to professional consultants. Micro Focus does not commit to any SLO for the onsite components.

Micro Focus does not operate third-party integrations on behalf of the Customer and will not commit to any SLO for these components.

## Application Administration

The Customer will access the Micro Focus Operations Bridge - SaaS application using a supported web browser and the URL provided to them. Micro Focus SaaS Operations team will create the necessary roles, groups and users for the customer to access the OpsB-SaaS application.

Users with administrative rights will be able to access select administration pages to configure OpsB-SaaS capabilities and to integrate data sources into OpsB-SaaS. Micro Focus reserves the right to determine which administrative features will be made available in the OpsB-SaaS instance.

The customer will open a ticket with Micro Focus SaaS Operations team to execute tasks such as, but not limited to, unlocking user accounts, CLIP integrations, customer provided business intelligence tools integration, and attribute customizations.

## Service Support

The Customer may contact Micro Focus through a variety of methods such as online support tickets or telephone. The Micro Focus Support Team will either provide support to the Customer directly or coordinate delivery of this support.

Online support for OpsB-SaaS is available at: <https://pcs.saas.microfocus.com>

Micro Focus OpsB-SaaS includes an extensive online contextual help to aid with tailoring and configuration of OpsB to align with your business requirements. Full documentation of the capabilities of Operations Bridge - SaaS solution, and the optional capabilities outlined in this service description is available at: <https://docs.microfocus.com/itom/OBS:SaaS/GetStarted>

As part of the Micro Focus Operations Bridge community, you can get additional assistance and aid from your peers as well as get access to live and recorded webinars(practitioner forum series). Micro Focus Operations Bridge community is available at: [https://community.microfocus.com/it\\_ops\\_mgt/ops\\_bdg/](https://community.microfocus.com/it_ops_mgt/ops_bdg/)

Your suggestions for enhancements to Operations Bridge are important to us. We encourage you to share your ideas, vote for your favorite ones, and enhance existing ideas with your feedback and comments. The popularity of an idea is measured through votes and comments at: [https://community.microfocus.com/it\\_ops\\_mgt/ops\\_bdg/i/opsbridge\\_idea\\_exchange](https://community.microfocus.com/it_ops_mgt/ops_bdg/i/opsbridge_idea_exchange)

Micro Focus staffs and maintains a 24x7x365 Service Operations Center, which will be the single point of contact for all issues related to the support for Micro Focus Operations Bridge – SaaS. The Customer will maintain a list of authorized users who may contact Micro Focus for support. The Customer’s authorized users may contact Micro Focus for support via the Web portal or the Telephone 24 hours a day, 7 days a week.

Assistance for the onsite components will be provided through the standard support channels.

### Activity

<b>Customer Success Management</b>	✓
<b>Email and Online Notifications</b>	✓
<b>On-boarding: Kick-off meeting, handover of product and</b>	✓

<b>support materials, verification of online access, scope validation and service goals, discussion of training requirements</b>	
<b>Version Updates:</b> Major version updates, minor version updates, patches, and security fixes. Notification period according to notification timelines via release notes and help resources available	✓ <sup>1</sup>
<b>Service Reviews</b> Meeting reviewing service quality, and to provide feedback on improvements required	Yearly
<b>Assisting with the implementation / configuration and tailoring</b>	Available at additional cost
<b>Availability SLA</b>	99.9%

<sup>1</sup>Notifications regarding release updates to the Micro Focus Operations Bridge - SaaS solution will be provided via email.

## Service Monitoring

Micro Focus monitors the availability of the Micro Focus Operations Bridge - SaaS solution components deployed in SaaS 24x7. Micro Focus uses a centralized notification system to deliver proactive communications about application changes, outages, and scheduled maintenance.

As part of the Micro Focus Operations Bridge - SaaS offering, we also include a Service Health portal for the SaaS-deployed components which allows the Customer to see:

- Current availability of the OpsB-SaaS environment
- Details of any upcoming planned maintenance
- Outage reports for any incidents that have been identified by our support teams
- Historical SLO data

The Link to Service Health portal for your tenant will be provided as part of your onboarding to Micro Focus SaaS. Details are also available via the support portal: <https://pcs.saas.microfocus.com>

Any required onsite component, not within the sole control of Micro Focus, is the Customer's sole responsibility. Micro Focus does not commit to any SLO for the onsite components.

## Capacity and Performance Management

The architecture used by our Operations Bridge Solution allows for addition of capacity to applications, databases and storage as required to support the services provided.

## Operational Change Management

Micro Focus follows a set of standardized methodologies and procedures for efficient and prompt handling of changes to SaaS infrastructure and application, which enables beneficial changes to be made with minimal disruption to the service.

## Solution Data Backup and Retention

The data backup and retention described in this section are part of Micro Focus's overall business continuity management practices designed to attempt to recover availability to Customer of Micro Focus Operations Bridge - SaaS and access to the Micro Focus Operations Bridge - SaaS Customer data, following an outage or similar loss of service.

The following types of Customer-specific data reside in the Micro Focus SaaS environment:

- Customer authorized user details (for instance, customer administrator users, operator users)
- Configuration information that may include credentials necessary for integrations with service management tools, customer provided business intelligence tools, certificates necessary to trust connectivity with on-premise Operations Bridge points of presence.
- Resulting information collected during product feature use such as events, topology, metrics, health indicators, KPI status.
- Reports, dashboards and reporting data
- Audit logs

The customer will work with Micro Focus SaaS support for user creation and integration configurations.

Data retention in the SaaS-based OPTIC Data Lake, component of OpsB-SaaS, is governed by the following:

- Raw data (5 minute interval, 5 minute sample) will be retained for 30 days
- Hourly aggregation will be retained for 365 days
- Daily aggregation will be retained for 1825 days

The Data Backup Frequency is every 6 hours and Micro Focus will perform necessary daily backup of the database and related storage systems (including configuration data) for Micro Focus Operations Bridge – SaaS instance. The Backup Retention Time is seven (7) days, meaning Micro Focus retains each daily backup for the most recent seven (7) days (“Data Retention Time”).

Micro Focus's standard storage and backup measures are Micro Focus's only responsibility regarding the retention of this data, despite any assistance or efforts provided by Micro Focus to recover or restore Customer's data. Micro Focus will be unable to restore any data not included in the database (for example not properly entered by the user, lost, or corrupted etc.) at the time of backup or if Customer's request comes after the Data Retention Time of such backup. As such, Micro Focus cannot guarantee no data loss.

## Disaster Recovery

### 1. Business Continuity Plan

Micro Focus SaaS continuously evaluates different risks that might affect the integrity and availability of Micro Focus Operations Bridge - SaaS. As part of this continuous evaluation, Micro Focus SaaS develops policies, standards and processes that are implemented to reduce the probability of a continuous service disruption. Micro Focus documents its processes in a business continuity plan (“BCP”) which includes a disaster recovery plan (“DRP”). Micro Focus utilizes the BCP to provide core Micro Focus SaaS and infrastructure services with minimum disruption. The DRP includes a set of processes that Micro Focus SaaS implements and tests Micro Focus SaaS recovery capabilities to reduce the probability of a continuous service interruption in the event of a service disruption.

Operations Bridge - SaaS is implemented using a cloud-based technology service stack in a redundant mode over multiple availability zones. The failure of one zone will not impact the service availability as



the system will automatically failover from the other zones. In the event of a disaster impacting more than one zone at the same time, such as a complete cloud region, the DRP's target is to provide restoration of the Micro Focus Operations Bridge - SaaS within 24 hours (Recovery Time Objective, RTO) following Micro Focus's declaration of a disaster.

The Vertica database backend used by Operations Bridge - SaaS is deployed in a single availability zone. If the availability zone hosting Vertica goes down, the DRP's target is to provide restoration of the Micro Focus Operations Bridge - SaaS within 24 hours (Recovery Time Objective, RTO) following Micro Focus's declaration of a disaster.

## **2. Backups**

Micro Focus SaaS performs backups of OpsB-SaaS databases and application configurations with a six (6) hours recovery point objective (RPO). Backups are performed using cloud-based technology across multiple regions. The integrity of backups are validated by (1) real time monitoring of the storage snapshot process for system errors, and (2) and annual restoration of production data from an alternate site to validate both data and restore flows integrity.

## **SaaS Security**

Micro Focus maintains an information and physical security program designed to protect the confidentiality, availability and integrity of Customer Personal Data and confidential information (the "Micro Focus Security Program").

### **Technical and Organizational Measures**

This section describes Micro Focus's standard technical and organizational measures, controls and procedures, which are intended to help protect the Customer-provided SaaS Data.

Micro Focus regularly tests and monitors the effectiveness of its controls and procedures. The measures set forth in this section may be modified by Micro Focus but represent a minimum standard. Customer remains responsible for determining the sufficiency of these measures. Some of the security settings in the service are configurable by the Customer, to allow for better integration. As a rule of thumb, Micro Focus will deliver its service with the most-secure options and capabilities enabled.

### **Physical Access Controls**

Micro Focus maintains physical security standards designed to prohibit unauthorized physical access to the Micro Focus equipment and facilities used to provide SaaS and include Micro Focus data centers and data centers operated by third parties. This is accomplished through the following practices:

- presence of on-site security personnel on a 24x7 basis;
- use of intrusion detection systems;
- use of video cameras on access points and along perimeter;
- Micro Focus employees, subcontractors and authorized visitors are issued identification cards that must be worn while on premises;
- monitoring access to Micro Focus facilities, including restricted areas and equipment within facilities;
- maintaining an audit trail of access.

## Access Controls

Micro Focus maintains the following standards for access controls and administration designed to make Customer-provided SaaS Data accessible only by authorized Micro Focus personnel who have a legitimate business need for such access:

- secure user identification and authentication protocols;
- authentication of Micro Focus personnel in compliance with Micro Focus standards and in accordance with ISO27001 requirements for segregation of duties;
- Customer provided SaaS data is accessible only by authorized Micro Focus personnel who have a legitimate business need for such access, with user authentication, sign-on and access controls;
- employment termination or role change is conducted in a controlled and secured manner;
- administrator accounts should only be used for the purpose of performing administrative activities;
- each account with administrative privileges must be traceable to a uniquely-identifiable individual;
- all access to computers and servers must be authenticated and within the scope of an employee's job function;
- collection of information that can link users to actions in the Micro Focus SaaS environment;
- collection and maintenance of log audits for the application, OS, DB, network and security devices according to the baseline requirements identified;
- restriction of access to log information based on user roles and the "need-to-know;" and
- prohibition of shared accounts.

## Availability Controls

Micro Focus's business continuity management process includes a rehearsed method of restoring the ability to supply critical services upon a service disruption. Micro Focus's continuity plans cover operational shared infrastructure such as remote access, active directory, DNS services, and mail services. Monitoring systems are designed to generate automatic alerts that notify Micro Focus of events such as a server crash or disconnected network.

## Data Segregation

Micro Focus SaaS environments are segregated logically by Micro Focus SaaS access control mechanisms. Internet-facing devices are configured with a set of access control lists (ACLs), which are designed to prevent unauthorized access to internal networks. Micro Focus uses security solutions on the perimeter level such as: firewalls, IPS/IDS, proxies and content-based inspection in order to detect hostile activity in addition to monitoring the environment's health and availability.

## Data Encryption

Micro Focus SaaS uses industry standard techniques to encrypt Customer-provided SaaS Data in transit. All inbound and outbound traffic to the external network is encrypted.

## Audit

Micro Focus appoints an independent third party to conduct an annual audit of the applicable policies used by Micro Focus to provide the applicable Micro Focus Operations Bridge - SaaS solution. A summary report or similar documentation will be provided to Customer upon request. Subject to the execution of Micro Focus's standard confidentiality agreement, Micro Focus agrees to respond to a reasonable industry standard information security questionnaire concerning its information and physical security program specific to Micro Focus SaaS provided pursuant to the applicable Supporting Material no more than once per year. Such information security questionnaire will be considered Micro Focus Confidential Information.

## Micro Focus Security Policies

Micro Focus conducts annual reviews of its policies around the delivery of SaaS against ISO 27001, which includes controls derived from ISO 27034 – “Information Technology – Security Techniques – Application Security.” Micro Focus regularly re-evaluates and updates its information and physical security program as the industry evolves, new technologies emerge or new threats are identified.

## Security Incident Response

In the event Micro Focus confirms a security incident resulted in the loss, unauthorized disclosure or alteration of Customer-provided SaaS Data (“Security Incident”), Micro Focus will notify Customer of the Security Incident and work to mitigate the impact of such Security Incident. Should Customer believe that there has been unauthorized use of Customer’s account, credentials, or passwords, Customer must immediately notify Micro Focus Security Operations Center via [softwaresoc@microfocus.com](mailto:softwaresoc@microfocus.com).

## Micro Focus Employees and Subcontractors

Micro Focus requests that all employees involved in the processing of Customer-provided SaaS Data are authorized personnel with a need to access the Customer-provided SaaS Data, are bound by appropriate confidentiality obligations and have undergone appropriate training in the protection of customer data. Micro Focus requests that any affiliate or third-party subcontractor involved in processing Customer-provided SaaS Data enters into a written agreement with Micro Focus, which includes confidentiality obligations substantially similar to those contained herein and appropriate to the nature of the processing involved.

## Data Subject Requests

Micro Focus will, within three (3) business days of receipt, refer to Customer any queries from data subjects in connection with Customer-provided SaaS Data.

## Scheduled Maintenance

To enable Customers to plan for scheduled maintenance by Micro Focus, Micro Focus reserves predefined timeframes to be used on an as-needed basis. Micro Focus reserves a weekly two (2) hour window (Scheduled to occur on Sunday in the 00:00 to 23:00 Greenwich Mean Time, the exact 2-hour time block is dependent on the location of the Operations Bridge – SaaS instance ) and one (1) monthly eight (8) hour window (Scheduled to occur on Sunday in the 00:00 to 23:00 Greenwich Mean Time, the exact 8-hour block is dependent on the location of the Operations Bridge – SaaS instance). These windows will be used on an as-needed basis.

Planned windows will be scheduled at least two (2) weeks in advance when Customer action is required, or at least four (4) days in advance otherwise. In the rare event where Micro Focus needs to do an emergency change requiring a downtime outside of those planned maintenance windows, the customers will be notified as soon as possible.

## Scheduled OpsB-SaaS Version updates

“SaaS Updates” are defined as both major version updates, minor version updates and patches applied by Micro Focus to Customer’s Micro Focus Operations Bridge – SaaS solution in production. These may or may not include new features or enhancements. Customer is entitled to SaaS Updates as part of the Operations Bridge SaaS service unless the SaaS Update introduces new functionality that Micro Focus offers on an optional basis for an additional fee.

Micro Focus determines whether and when to apply a SaaS Update to Customer's Micro Focus Operations Bridge – SaaS solution. Unless Micro Focus anticipates a service interruption due to a SaaS Update, Micro Focus may implement a SaaS Update at any time without notice to Customer. Micro Focus aims to use the Scheduled Maintenance windows defined herein to apply SaaS Updates. Customer may be required to cooperate in achieving a SaaS Update that Micro Focus determines in its discretion is critical for the availability, performance or security of the Micro Focus Operations Bridge – SaaS solution.

### **Onsite infrastructure updates**

"Updates" are defined as both major version updates, minor version updates and patches applied to the customer's Micro Focus Operations Bridge (OpsB) onsite environment (Monitoring Service Edge, OBM, Operations Agent, SiteScope, BPM, APM, Integration Hub).

The initial install and upgrade to the minimum supported versions of the onsite component are the sole responsibility of the customer.

Further upgrades of the OpsB onsite components are included with the SaaS subscription, one (1) upgrade per year and up to two (2) patches per year. Security patches or critical fixes will be deployed as needed.

Micro Focus will work with the customer to plan and schedule when updates must be applied to the onsite environment.

Micro Focus will not be responsible for managing, monitoring and the maintenance of Customer equipment or third-party computer hardware, software, or network infrastructure not within the sole control of Micro Focus.

### **Service Decommissioning**

Customer may cancel Micro Focus Operations Bridge SaaS by providing Micro Focus with sixty (60) days written notice prior to the expiration of the SaaS Order Term ("Cancellation"). Such Cancellation shall be effective upon the last day of the then current SaaS Order Term. Upon Cancellation, expiration, or termination of the SaaS Order Term, Micro Focus may disable all Customer access to the Micro Focus Operations Bridge - SaaS solution, and Customer shall promptly return to Micro Focus (or at Micro Focus's request destroy) any Micro Focus Materials.

Micro Focus will make available to Customer such data in the format generally provided by Micro Focus. The target timeframe is set forth below in Termination Data Retrieval Period SLO. After such time, Micro Focus shall have no obligation to maintain or provide any such data, which will be deleted in the ordinary course.

Upon Cancellation, expiration, or termination of the SaaS Order Term, the license key for the onsite components will be invalid.

### **Service Level Objectives**

Micro Focus provides clear, detailed, and specific Service Level Objectives (SLOs) for the services that SaaS provides to its customers. These SLOs are targets used by Micro Focus to deliver the service and are provided as guidelines. They in no way create a legal requirement or obligation for Micro Focus to always meet these objectives.

Micro Focus will provide self-service access to Customer to the Service Level Objectives data online at <https://home.software.microfocus.com/myaccount>.

## Solution Provisioning Time SLO

Solution Provisioning is defined as the Operations Bridge - SaaS solution being available for access over the internet. Micro Focus targets to make OpsB-SaaS available within two (2) business days of the Customer's purchase order (PO) being booked within the Micro Focus order management system.

Customer is responsible for installing and configuring any additional onsite components for their applications. Any onsite components of the solution are not in scope of the Solution Provisioning Time SLO. Additionally, CLIP, third party tool integration, and the import of Customer data into the application are not in scope of the Solution Provisioning Time SLO.

## Solution Availability SLA

Solution Availability is defined as the Operations Bridge – SaaS production application deployed in cloud being available for access and use by Customer and its Authorized Users over the Internet. Micro Focus will provide Customer access to the Micro Focus Operations Bridge - SaaS production application on a twenty-four hour, seven days a week (24x7) basis at a rate of 99.9 % ("Solution Uptime").

### Measurement Method

Solution Uptime shall be measured by Micro Focus using Micro Focus monitoring software running from a minimum of two global locations with staggered timing.

On a quarterly basis, Solution Support Uptime will be measured using the measurable hours in the quarter (total time minus planned downtime for maintenance, upgrades, etc.) as the denominator. The numerator is the denominator value minus the time of any outages in the quarter (duration of all outages combined) to give the percentage of available uptime (2,198 actual hours available / 2,200 possible available hours = 99.9% availability).

An "outage" is defined as two consecutive monitor failures on the OpsB-SaaS login page within a ten-minute period, lasting until the condition has cleared.

### Boundaries and Exclusions

Solution Uptime shall not apply to any of the following exceptions:

- Overall Internet congestion, slowdown, or unavailability
- Unavailability of generic Internet services (e.g. DNS servers) due to virus or hacker attacks
- Force majeure events as described in the terms of the Micro Focus Customer Terms for Software-as-a-Service, or the applicable Micro Focus Pass-Through Terms.
- Actions or omissions of Customer (unless undertaken at the express direction of Micro Focus) or third parties beyond the control of Micro Focus
- Unavailability due to Customer equipment or third-party computer hardware, software, or network infrastructure not within the sole control of Micro Focus
- Scheduled Maintenance
- Scheduled Version Updates

Any onsite components of the solution are not in scope of the Solution Availability SLA.

## Reporting

Micro Focus will provide self-service access to Customer to the availability data online via the Service Health portal. The appropriate links for your tenants will be provided as part of onboarding.

In addition, Micro Focus will provide a SaaS Service Uptime Metric Report (“Uptime Metric Report”) in accordance with this attachment to the Customer upon request for the Operations Bridge - SaaS. If the Customer does not agree with the Uptime Metric Report, written notice of non-agreement must be provided to Micro Focus within fifteen (15 days) of receipt of the Uptime Metric Report.

**Remedies**

Micro Focus’s exceeding, meeting or failing to meet the SaaS Service Uptime Metric as measured over any quarter may be reflected in adjustments to the duration of the initial contract term for Micro Focus SaaS pursuant to the following schedule (“Availability SLA Service Credits”):

<b>Quarterly Micro Focus SaaS Rating</b>	<b>Rating</b>	<b>Credit</b>
<b>Between 99.9 % - 100%</b>	Meets Goals	Not Applicable
<b>Between 98.0% - 99.8%</b>	Tolerable	Five (5) day extension of the OpsB -SaaS Order term at no cost to Customer
<b>Below 98.0%</b>	Unacceptable	Ten (10) day extension of the OpsB -SaaS Order term at no cost to Customer

**Availability SLA Service Credits**

Micro Focus OpsB - SaaS Ratings below 98% for a quarter shall be escalated by both parties to the vice president (or equivalent), as outlined in this schedule.

Customer must request all service credits or extensions in writing to Micro Focus within thirty (30) days of the end of the month in which the SaaS Service Uptime Metric was not met and identify the support requests relating to the period where the OpsB-SaaS production application was not available for access and use by Customer and its authorized users over the internet.

- If the Customer renews the service, Micro Focus SaaS Service Credits will be applied to a service extension at the end of the renewed subscription term at no additional charge.

If the Customer does not renew the service Micro Focus SaaS Service Credits will be applied towards a service extension at no additional charge. Micro Focus SaaS Service Credits are capped at thirty (30) days per annum.

**Online Support Availability SLO**

Online Support Availability is defined as the Micro Focus SaaS support portal being available for access and use by Customer and its Authorized Users over the Internet. Micro Focus targets to provide Customer access to the Micro Focus SaaS support portal on a twenty-four hour, seven days a week (24x7) basis at a rate of 99.9% (“Online Support Uptime”).

**Measurement Method**

Online Support Uptime shall be measured by Micro Focus using Micro Focus monitoring software running from a minimum of four global locations with staggered timing.

On a quarterly basis, Online Support Uptime will be measured using the measurable hours in the quarter (total time minus planned downtime, including maintenance, upgrades, etc.) as the denominator. The numerator is the denominator value minus the time of any outages in the quarter (duration of all

outages combined) to give the percentage of available uptime (2,198 actual hours available / 2,200 possible available hours = 99.9 availability).

An “outage” is defined as two consecutive monitor failures within a five-minute period, lasting until the condition has cleared.

### **Boundaries and Exclusions**

Online Support Uptime shall not apply to any of the following exceptions:

- Overall Internet congestion, slowdown, or unavailability
- Unavailability of generic Internet services (e.g. DNS servers) due to virus or hacker attacks
- Force majeure events as described in the terms of agreement
- Actions or inactions of Customer (unless undertaken at the express direction of Micro Focus) or third parties beyond the control of Micro Focus
- Unavailability due to Customer equipment or third-party computer hardware, software, or network infrastructure not within the sole control of Micro Focus
- Scheduled Maintenance

### **Initial SaaS Response Time SLO**

The Initial SaaS Response Time refers to the Service Support described herein. It is defined as the acknowledgment of the receipt of a customer request and the assignment of a case number for tracking purposes. Initial SaaS Response will come as an email to the requester and include the case number and links to track it using Micro Focus online customer portal. The Initial SaaS Response Time covers both service request and support requests. Micro Focus targets to provide the Initial SaaS Response no more than one hour after the successful submission of a customer request.

### **SaaS Support SLOs**

There are two types of SaaS Support SLOs: Service Request and Support Request SLOs.

- The Service Request SLO applies to the majority of routine system requests. This includes functional system requests (product add/move/change), informational, and administrative requests.
- The Support Request SLO applies to issues that are not part of the standard operation of the service and which causes, or may cause, an interruption to or a reduction in the quality of that service.

The Response and Resolution Targets are provided as guidelines and represent typical request processing by Micro Focus SaaS support teams. They in no way create a legal requirement or obligation for Micro Focus to always respond in the stated time. The Response and Resolution Targets, including their scope and determining factors (such as impact and urgency), are further described at <https://home.software.microfocus.com/myaccount/slo/>.

### **Termination Data Retrieval Period SLO**

The Termination Data Retrieval Period is defined as the length of time in which the Customer can retrieve a copy of their Customer Micro Focus Operations Bridge - SaaS data from Micro Focus. Micro Focus targets to make available such data for download in the OpsB format generally provided by Micro Focus for 30 days following the termination of the SaaS Order Term.

## Standard Service Requirements

### Roles and Responsibilities

This section describes general Customer and Micro Focus responsibilities relative to the Micro Focus Operations Bridge - SaaS service. Micro Focus's ability to fulfill its responsibilities relative to SaaS is dependent upon Customer fulfilling the responsibilities described below and elsewhere herein:

### Customer Roles and Responsibilities

Customer Role	Responsibilities
<b>Business owner</b>	<ul style="list-style-type: none"><li>• Owns the business relationship between the customer and Micro Focus</li><li>• Owns the business relationship with the range of departments and organizations using Micro Focus Operations Bridge - SaaS Service</li><li>• Manages contract issues</li></ul>
<b>Project Manager</b>	<ul style="list-style-type: none"><li>• Coordinates customer resources as necessary</li><li>• Serves as the point of contact between the customer and Micro Focus</li><li>• Drives communication from the customer side</li><li>• Serves as the point of escalation for issue resolution and service-related issues</li></ul>
<b>Administrator</b>	<ul style="list-style-type: none"><li>• Serves as the first point of contact for Micro Focus Operations Bridge - SaaS Service end users for problem isolation</li><li>• Performs Micro Focus Operations Bridge SaaS Service administration</li><li>• Provides tier-1 support and works with Micro Focus to provide tier-2 support</li><li>• Coordinates end-user testing as required</li><li>• Leads ongoing solution validation</li><li>• Trains the end-user community</li><li>• Coordinates infrastructure-related activities at the customer site</li><li>• Owns any customization</li></ul>
<b>End User</b>	<ul style="list-style-type: none"><li>• Leverages the product functionality designed by Customer's Micro Focus Operations Bridge - SaaS Service administrators.</li><li>• Provides periodic feedback to the Micro Focus Operations Bridge - SaaS Service Administrator</li></ul>



## Micro Focus Roles and Responsibilities

Micro Focus Role	Responsibilities
Customer Success	<ul style="list-style-type: none"><li>• Serves as the customer liaison to Micro Focus</li><li>• Coordinates Micro Focus technical resources as necessary</li><li>• Coordinates with the customer during required and periodic maintenance</li><li>• Supports the customer onboarding process</li></ul>
Service Operations Center staff (SOC)	<ul style="list-style-type: none"><li>• Primary point of contact for service requests. The customer can contact the Service Operations Center for all services such as support and maintenance, or issues regarding availability of the Micro Focus Operations Bridge - SaaS Service</li><li>• Provides 24x7 application support</li></ul>
Operations staff (Ops)	<ul style="list-style-type: none"><li>• Monitors the Micro Focus systems and Micro Focus Operations Bridge - SaaS Service for availability</li><li>• Performs system-related tasks such as backups, archiving, and restoring instances according to Micro Focus's standard practices</li><li>• Provides 24x7 SaaS infrastructure support</li></ul>

## Assumptions and Dependencies

This Service Description is based upon the following assumptions and dependencies between the Customer and Micro Focus:

- Customer must have internet connectivity to access this Micro Focus Operations Bridge - SaaS Service.
- Micro Focus Operations Bridge - SaaS Service will be performed remotely and delivered in English only.
- A SaaS Order term is valid for an identified tenant, which cannot be changed during the SaaS Order term.
- The service commencement date is the date on which Customer's purchase order (PO) is booked within the Micro Focus order management system.
- The import of Customer data into the Operations Bridge solution during the implementation requires that the information is made available to Micro Focus at the appropriate step of the solution implementation and in the Micro Focus designated format.
- Customer must ensure that its administrators maintain accurate contact information with Micro Focus SaaS.
- The customer has determined, selected, and will use options such as information security controls, connectivity options, and business continuity, backup, and archival options, in the Customer environment that are appropriate to meet its requirements.
- Customer will establish and follow secure practices for individual account-based access for accountability and traceability.

Furthermore, this Micro Focus Operations Bridge Service is provided based on the assumption that Customer will implement and maintain the following controls in its use of Micro Focus Operations Bridge - SaaS:

- Configuring Customer's browser and other clients to interact with Micro Focus Operations Bridge - SaaS
- Configuring Customer's network devices to access Micro Focus Operations Bridge - SaaS

- Appointing authorized users
- Configuring its Micro Focus Operations Bridge - SaaS account to require that end user passwords are sufficiently strong and properly managed
- Procedures for access approvals, modifications, and terminations.

### **Good Faith Cooperation**

Customer acknowledges that Micro Focus's ability to perform the Services depends upon Customer's timely performance of its obligations and cooperation, as well as the accuracy and completeness of any information and data provided to Micro Focus. Where this Service Description requires agreement, approval, acceptance, consent or similar action by either party, such action will not be unreasonably delayed or withheld.

Customer agrees that to the extent its failure to meet its responsibilities results in a failure or delay by Micro Focus in performing its obligations under this Service Description, Micro Focus will not be liable for such failure or delay.