



User ID Service

2.3.0

Release Notes

Contents

- [About this release](#) on page 2
- [System requirements](#) on page 2
- [Build number and checksums](#) on page 3
- [Compatibility](#) on page 4
- [Enhancements](#) on page 4
- [Resolved issues](#) on page 5
- [Installation instructions](#) on page 5
- [Known issues](#) on page 6
- [Find product documentation](#) on page 6

About this release

This document contains important information about the current release. We strongly recommend that you read the entire document.

The Forcepoint User ID Service (User ID Service) collects data about groups, users, and associated IP addresses from Windows Active Directory (AD) Servers, Microsoft Domain Controllers, and Microsoft Exchange Servers. The User ID Service API can also be used to provide data to the User ID Service.

The DC Agent is a Microsoft Windows application that collects user authentication events from Microsoft Domain Controllers (DC) and Microsoft Exchange Servers. The DC Agent provides data about users and associated IP addresses to the User ID Service.

When you integrate the User ID Service with another Forcepoint product, such as Forcepoint Next Generation Firewall (Forcepoint NGFW), you can use the user data from the User ID Service for access control and monitoring users.

System requirements

To use this product, your system must meet these basic hardware and software requirements.

Basic hardware requirements

You can install the User ID Service and the DC Agent on standard hardware.

Component	Minimum	Recommended
Processor	2 CPU cores (recommended speed per core: 2.5 GHz)	8 CPU cores (recommended speed per core: 2.5 GHz)

Component	Minimum	Recommended
Memory	4 GB RAM	12 GB RAM
Disk space	50 GB	100 GB

A single instance of the DC Agent can monitor multiple Domain Controllers. The number of DC Agent instances needed for your environment depends on geographic network topology and the rate of incoming logon events. In large, complex environments, we recommend that you contact [Forcepoint Technical Support](#) for guidance.

Operating systems for the User ID Service

The User ID Service supports the following operating systems and versions.

- CentOS, versions 7 and 8
- Red Hat Linux Enterprise, versions 7 and 8

Operating systems for the DC Agent

The DC Agent supports the following operating systems and versions.

- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016
- Windows Server 2019

Build number and checksums

The build number of the Forcepoint User ID Service is 166.

Use checksums to make sure that files downloaded correctly.

- `fuid-server-2.3.0-166.run`

```
SHA1SUM:  
1af3c8cb5b9530095cec40ef5ad722372a043946
```

```
SHA256SUM:  
1d5d7239c70b83f3d7fd03e7d4ef83d5b156f99a26958d269b38625cf1b57af6
```

```
SHA512SUM:  
afb2561ff0c733e0227d76f57170ef5d  
98cba6a55ae3feba14f0d3ea95d494f2  
cac1a92a7e3d35696b35f7b72d854b6f  
c9f22b2ec04d6beec777d87322fea202
```

- UID-DCAgent-2.3.0.exe

```

SHA1SUM:
9cffe12ce9cbb02a2962dc48bfe8388854d45b89

SHA256SUM:
74e71c7751e4877358ffb449b625478b4f9fd5178da45a58dbc17f25456d260b

SHA512SUM:
c25d3f79f51ba1cb3c19e9a01116036d
26c86aab5dfcc9134dd7b575b154955f
f322725e3502c98e8783357672515fa2
47657f9cb607f19526f02552c5d36326

```

Compatibility

The User ID Service and the DC Agent are compatible with the following Forcepoint NGFW components.

Component	Minimum version	Recommended version
Forcepoint NGFW Security Management Center (SMC)	6.3.0	Latest 6.7.x maintenance version or higher
Forcepoint Next Generation Firewall (Forcepoint NGFW)	6.3.0	Latest 6.7.x maintenance version or higher

Compatibility of legacy (1.x) versions

Version 2.x of the User ID Service is compatible with version 1.x of the DC Agent, but we strongly recommend that you use version 2.x of both the User ID Service and the DC Agent.

Version 2.x of the DC Agent is not compatible with version 1.x of the User ID Service.

Enhancements

This release of the product includes these enhancements.

Enhancements in Forcepoint User ID Service version 2.3.0

Enhancement	Description
DC Agent can ignore repeated login entries	When the DC Agent receives repeated identical login entries, the DC Agent can now ignore the repeated login entries. You can adjust the options for ignoring repeated login entries in the config.json configuration file for the DC Agent.
Improved performance of login updates	The performance of the login updates that the Forcepoint NGFW Engine receives as a client from the User ID Service has been improved.

Enhancement	Description
DC Agents automatically reconnect to the preferred User ID Service server	When there are connectivity issues in a high availability environment, each DC Agent independently changes its connection to another available User ID Service server. To prevent DC Agents from staying connected to multiple User ID Service servers, the DC Agent now periodically attempts to connect back to the preferred User ID Service server.

Resolved issues

These issues are resolved in this release of the product. For a list of issues fixed in a previous release, see the Release Notes for the specific release.

Description	Issue number
Some <code>fuid-cfg</code> commands open a prompt for sub-commands.	UID-467
When you use the <code>-L</code> or <code>--log-level</code> flag to temporarily modify the log level when entering a command in the Configuration Utility, the global log level is also modified if the <code>fuid</code> service is restarted.	UID-469
When the User ID Service receives a large number of new entries from the DC Agent, adding them to the database might fail. The database reports the following error: "split failed while applying backpressure".	UID-584
Metrics are logged only with the verbose log level.	UID-595
The User ID Service database uses file descriptors to synchronize data between cluster members. The file descriptor limit for the User ID Service database and the <code>fuid</code> service might be faced.	UID-598
The DC Agent might stop working.	UID-652
The DC Agent tries to process login events that do not include an IP address.	UID-676

Installation instructions

Use these high-level steps to install the User ID Service and the DC Agent.

For more information, see the document *How to integrate Forcepoint User ID Service with other Forcepoint products* in Knowledge Base article [14100](#) or at <https://support.forcepoint.com>.

Steps

- 1) Download the installation files from <https://support.forcepoint.com/Downloads>.
Make sure that you download installation packages for the same version of the products.
- 2) Prepare your environment for the installation.
- 3) Install and configure the User ID Service.
- 4) Install and configure the DC Agent.

- 5) (Optional) Install and configure additional instances of both the User ID Service and the DC Agent, for high availability (HA).
- 6) Configure the User ID Service settings in the User ID Service Client Product, such as Forcepoint NGFW.

Upgrade instructions

We recommend that you upgrade the User ID Service and the DC Agent when a new version of the products becomes available.



Important

Upgrading to User ID Service 2.3 is only supported from User ID Service 2.2. Versions lower than 2.2 require an upgrade to version 2.2 before upgrading to User ID Service 2.3.

To upgrade the User ID Service and the DC Agent, download and run the installers for the new version.

For more information, see the document *How to integrate Forcepoint User ID Service with other Forcepoint products* in Knowledge Base article [14100](#) or at <https://support.forcepoint.com>.

Known issues

For a list of known issues in this product release, see Knowledge Base article [17717](#).

Find product documentation

In the Forcepoint Customer Hub, you can find information about a released product, including product documentation, technical articles, and more.

You can get additional information and support for your product in the Forcepoint Customer Hub at <https://support.forcepoint.com>. There, you can access product documentation, release notes, Knowledge Base articles, downloads, cases, and contact information.

You might need to log on to access the Forcepoint Customer Hub. If you do not yet have credentials, create a customer account. See <https://support.forcepoint.com/CreateAccount>.

Product documentation

Every Forcepoint product has a comprehensive set of documentation.

- *How to integrate Forcepoint User ID Service with other Forcepoint products*
- *Forcepoint User ID Service API User Guide*

For information about the Forcepoint NGFW, see the *Forcepoint Next Generation Firewall Product Guide* and the Forcepoint Next Generation Firewall online Help.

