Centrify Infrastructure Services 2020 Release Notes

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1. About This Release

The Centrify Zero Trust Privilege Services (previously called Centrify Infrastructure Services, or Centrify Server Suite) is an integrated family of directory-based authentication, privileged access, privileged elevation, audit & monitoring solutions that secure your cross-platform environment and strengthen regulatory compliance initiatives.

It is consisted of the following components:

- Privileged Access Service enables you to centrally manage account passwords, secrets, and access rules for both privileged and unprivileged accounts.

- Gateway Session Audit & Monitoring is a subset of features in the Audit and Monitoring service that allows you to audit systems that your users log in to from the Admin Portal.
- Authentication Service secures your platforms using the same authentication and Group Policy services deployed for your Windows environment.
- Privilege Elevation Service centrally manages and enforces role-based entitlements for fine-grained control of user access and privileges on UNIX, Linux and Windows systems.
- Audit & Monitoring Service delivers auditing, logging and real-time monitoring of user activity on your Windows, UNIX and Linux system.

This integrated solution helps you improve IT efficiency, strengthen regulatory compliance initiatives, and centrally secure your heterogeneous computing environment.

Please go to the online documentation center, http://docs.centrify.com, for the latest copies of release notes and documents. E.g.

- for Privileged Access Service release notes, see https://docs.centrify.com/en/cloud-release-notes/
- for Authentication Service, Privilege Elevation Service, and Audit & Monitoring Service release notes, see https://docs.centrify.com/Content/02-centrify-sidenav/other-links/DOC-archive.htm

This release notes cover information specifically about Authentication Service, Privilege Elevation Service, and Audit & Monitoring Service.

Centrify software is protected by U.S. Patents 7,591,005; 8,024,360; 8,321,523; 9,015,103; 9,112,846; 9,197,670; 9,378,391 and 9,442,962. (Ref: CS-44575)

2. Media

This release usually includes packages for Windows, UNIX, and Linux operating system environments.

The files for this release are organized onto two media, each available in ISO and zip form:

a) Centrify Infrastructure Services for 64-bit Windows

- <root> folder
  This is the main folder containing information pertinent to this release.
  o readme.txt provides a summary of where to find files in a plain text format.

- Copyright.txt and Acknowledgements.txt provide copyright information and legal notices for third party and open source software used in Centrify Infrastructure Services.
- Centrify-end-user-license-agreement.txt provides the text of the license agreement displayed during installation.
- This file, Centrify-Infrastructure-Services-Release-Notes.html, provides a formatted and printable version of the Release Notes.
- autorun.inf controls the autorun program, autorun.exe, on Windows computers.

The following are sub-folders that are organized to provide you access to different software components in the Centrify Infrastructure Services.

- Agent folder
  This folder contains the installer packages for installing Centrify Agent for Windows on Windows computers.

- Common folder
  This folder contains the installer packages for common components necessary for all Centrify products on Windows computers.

- DirectAudit folder
  This folder contains the installer packages for Centrify Audit & Monitoring Service on Windows computers.

- DirectManage folder
  This folder contains the installer packages for Centrify Authentication Service and Centrify Privilege Elevation Service on Windows computers.

- Documentation folder
  This folder contains the documentation set as well as release note files for Centrify Infrastructure Services.
  Note: You need Adobe Acrobat Reader to view and print the documentation. The release notes are in HTML format.

- LicensingService Folder
  This folder contains the installer packages for Centrify Licensing Service utilities on Windows computers.

- Resources Folder
  This folder contains resources for internal use for the media. It can be safely ignored.

b) Centrify Agents for UNIX/Linux

This image contains a zipped bundle of files for Centrify agent on each supported UNIX, or Linux platform and an adcheck utility for each supported platform.

You may find the appropriate bundle for an OS platform based on the following table:

Bundle Name	Applicable OS Platforms in Specified Architecture
centrify-infrastructure-services-<release number>-aix7.1-ppc.tgz	IBM AIX, IBM VIOS
centrify-infrastructure-services-<release number>-coreos-x86_64.tgz	CoreOS, RHEL Atomic
centrify-infrastructure-services-<release number>-deb9-x86_64.tgz	Debian, Ubuntu
centrify-infrastructure-services-<release number>-deb9-ppc64el.tgz	Ubuntu
centrify-infrastructure-services-<release number>-hp11.31-ia64.tgz	HPUX
centrify-infrastructure-services-<release number>-hp11.31-pa.tgz	HPUX
centrify-infrastructure-services-<release number>-rhel5-ppc64.tgz	RHEL
centrify-infrastructure-services-<release number>-rhel5-x86_64.tgz	Amazon Linux, CentOS, Fedora, Oracle Linux, RHEL
centrify-infrastructure-services-<release number>-rhel7-ppc64le.tgz	RHEL
centrify-infrastructure-services-<release number>-sol10-sparc.tgz	Oracle Solaris
centrify-infrastructure-services-<release number>-sol10-x86.tgz	Oracle Solaris
centrify-infrastructure-services-<release number>-sol11-i386.tgz	Oracle Solaris (IPS package)
centrify-infrastructure-services-<release number>-sol11-sparc.tgz	Oracle Solaris (IPS package)
centrify-infrastructure-services-<release number>-suse11-ppc64.tgz	SUSE
centrify-infrastructure-services-<release number>-suse11-x86_64.tgz	SUSE
centrify-infrastructure-services-<release number>-suse12-ppc64le.tgz	SUSE

Note:
- The OS version number specified in the bundle name indicates the minimum OS version that it supports.
- You should also choose the appropriate bundle for the specific architecture as indicated in the bundle name.
- Inside each bundle, it contains packages of associated products supported on that platform. The naming convention follows the above bundle names except that the prefix of a package reflects the product it serves. The following are the possible package prefixes and the corresponding product names:

Package Prefix	Product Name
CentrifyDA	Centrify DirectAudit package
CentrifyDC	Centrify DirectControl package
CentrifyDC-cifsidmap	Centrify for CIFS ID mapping package
CentrifyDC-curl	Required component of Centrify DirectControl package
CentrifyDC-ldapproxy	Centrify OpenLDAP Proxy package
CentrifyDC-nis	Centrify Network Information Service and Centrify NIS Server package
CentrifyDC-openldap	Required component of Centrify DirectControl package
CentrifyDC-openssh	Centrify OpenSSH package
CentrifyDC-openssl	Required component of Centrify DirectControl package

- Before installation, please review the Upgrade and Compatibility Guide and run the adcheck utility to make sure the environment is

ready, especially if you are using native package manager to
install.

3. Support Statement

The product lifecycle policy is described at www.centrify.com/product-
lifecycle. You may find a table of products including version numbers
and end-of-support dates there. The information is also listed
below:

Release	Release Date	End of Core Support	End of Extended Support
Agent for Windows			
Agent 3.7.0	September 2020	September 2023	September 2025
Agent 3.6.1	December 2019	December 2022	December 2024
Agent 3.6.0	August 2019	August 2022	August 2024
Agent 3.5.2	December 2018	December 2021	December 2023
Agent 3.5.1	August 2018	August 2021	August 2023
Agent 3.4.3	December 2017	December 2020	December 2022
Agent 3.4.2	September 2017	September 2020	September 2022
Agent 3.4.1	May 2017	May 2020	May 2022
Agent 3.4.0	February 2017	February 2020	February 2022
Agent 3.3.1 – 3.3.2	May 2016	May 2019	May 2021
Agent 3.3.0	December 2015	December 2018	December 2020
Agent 3.2.3	July 2015	July 2018	July 2020
Agent 3.2.0 – 3.2.2	January 2014	January 2017	January 2019
Agent 3.1.0 – 3.1.3	July 2013	July 2016	July 2018
Agent 3.0.0 – 3.0.1	January 2013	January 2016	January 2018
Authentication Service			
DirectControl 5.7.0	September 2020	September 2023	September 2025
DirectControl 5.6.1	December 2019	December 2022	December 2024
DirectControl 5.6.0	August 2019	August 2022	August 2024
DirectControl 5.5.3	February 2019	February 2022	February 2024
DirectControl 5.5.2	December 2018	December 2021	December 2023
DirectControl 5.5.1	August 2018	August 2021	August 2023
DirectControl 5.5.0	April 2018	April 2021	April 2023
DirectControl 5.4.3	December 2017	December 2020	December 2022
DirectControl 5.4.2	September 2017	September 2020	September 2022
DirectControl 5.4.1	May 2017	May 2020	May 2022
DirectControl 5.4.0	February 2017	February 2020	February 2022
DirectControl 5.3.1	May 2016	May 2019	May 2021
DirectControl 5.3.0	December 2015	December 2018	December 2020
DirectControl 5.2.3	July 2015	July 2018	July 2020
DirectControl 5.2.2	February 2015	February 2018	February 2020
DirectControl 5.2.0 – 5.2.1	August 2014	August 2017	August 2019
DirectControl 5.1.3	January 2014	January 2017	January 2019
DirectControl 5.1.1 – 5.1.2	July 2013	July 2016	July 2018
DirectControl 5.1.0	January 2013	January 2016	January 2018
DirectControl 5.0.5	December 2012	December 2015	December 2017
DirectControl 5.0.4	September 2012	September 2015	September 2017
DirectControl 5.0.0 – 5.0.3	October 2011	October 2014	October 2016
DirectControl 4.4.4	May 2012	May 2015	May 2017

DirectControl 4.4.x	January 2010	January 2013	January 2015
DirectControl 4.3.x	May 2009	May 2012	May 2014
DirectControl 4.2.x	December 2008	December 2011	December 2013
DirectControl 4.x	October 2007	October 2010	October 2012
DirectControl 3.x	April 2006	April 2009	April 2011
DirectControl 2.x	September 2005	September 2008	September 2010
DirectControl 1.x	March 2005	March 2008	March 2010
Privilege Elevation Service			
DirectAuthorize 3.7.0	September 2020	September 2023	September 2025
DirectAuthorize 3.6.1	December 2019	December 2022	December 2024
DirectAuthorize 3.6.0	August 2019	August 2022	August 2024
DirectAuthorize 3.5.2	December 2018	December 2021	December 2023
DirectAuthorize 3.5.1	August 2018	August 2021	August 2023
DirectAuthorize 3.5.0	April 2018	April 2021	April 2023
DirectAuthorize 3.4.3	December 2017	December 2020	December 2022
DirectAuthorize 3.4.2	September 2017	September 2020	September 2022
DirectAuthorize 3.4.1	May 2017	May 2020	May 2022
DirectAuthorize 3.4.0	February 2017	February 2020	February 2022
DirectAuthorize 3.3.1	May 2016	May 2019	May 2021
DirectAuthroize 3.3.0	December 2015	December 2018	December 2020
DirectAuthorize 3.2.3	July 2015	July 2018	July 2020
DirectAuthorize 3.2.0 – 3.2.2	January 2014	January 2017	January 2019
DirectAuthorize 3.1.0 – 3.1.3	July 2013	July 2016	July 2018
DirectAuthorize 3.0.0 – 3.0.1	January 2013	January 2016	January 2018
DirectAuthorize 2.x	October 2011	October 2014	October 2016
DirectAuthroize 1.2.1	May 2012	May 2015	May 2017
DirectAuthorize 1.2	January 2010	January 2013	January 2015
DirectAuthorize 1.x	December 2008	October 2010	October 2012
Audit & Monitoring Service			
DirectAudit 3.7.0	September 2020	September 2023	September 2025
DirectAudit 3.6.1	December 2019	December 2022	December 2024
DirectAudit 3.6.0	August 2019	August 2022	August 2024
DirectAudit 3.5.2	December 2018	December 2021	December 2023
DirectAudit 3.5.1	August 2018	August 2021	August 2023
DirectAudit 3.5.0	April 2018	April 2021	April 2023
DirectAudit 3.4.3	December 2017	December 2020	December 2022
DirectAudit 3.4.2	September 2017	September 2020	September 2022
DirectAudit 3.4.1	May 2017	May 2020	May 2022
DirectAudit 3.4.0	February 2017	February 2020	February 2022
DirectAudit 3.3.1	May 2016	May 2019	May 2021
DirectAudit 3.3.0	December 2015	December 2018	December 2020
DirectAudit 3.2.3	July 2015	July 2018	July 2020
DirectAudit 3.2.0 – 3.2.2	January 2014	January 2017	January 2019
DirectAudit 3.1.0 – 3.1.3	July 2013	July 2016	July 2018
DirectAudit 3.0.0 – 3.0.1	January 2013	January 2016	January 2018
DirectAudit 2.x	October 2011	October 2014	October 2016
DirectAudit 1.3.x	February 2011	February 2014	February 2016
DirectAudit 1.1.x	July 2008	July 2011	July 2013
DirectAudit 1.x	May 2007	May 2010	May 2012
Isolation & Encryption Service			
DirectSecure 5.4.2	October 2017	October 2020	October 2022
DirectSecure 5.4.0	March 2017	March 2020	March 2022
DirectSecure 5.3.1	August 2016	August 2019	August 2021
DirectSecure 5.2.3	August 2015	August 2018	August 2020

DirectSecure 5.2.2	May 2015	May 2018	May 2020
DirectSecure 5.1.1	August 2013	August 2016	August 2018
DirectSecure 1.2.x	August 2011	August 2014	August 2016
DirectSecure 1.x	May 2009	May 2012	May 2014
Deployment Manager			
Deployment Manager 5.5.2	December 2018	December 2021	December 2023
Deployment Manager 5.5.1	August 2018	August 2021	August 2023
Deployment Manager 5.5.0	April 2018	April 2021	April 2023
Deployment Manager 5.4.3	December 2017	December 2020	December 2022
Deployment Manager 5.4.2	September 2017	September 2020	September 2022
Deployment Manager 5.4.1	May 2017	May 2020	May 2022
Deployment Manager 5.4.0	February 2017	February 2020	February 2022
Deployment Manager 5.3.1	May 2016	May 2019	May 2021
Deployment Manager 5.3.0	December 2015	December 2018	December 2020
Deployment Manager 5.2.3	July 2015	July 2018	July 2020
Deployment Manager 5.2.2	February 2015	February 2018	February 2020
Deployment Manager 5.2.0	August 2014	August 2017	August 2019
Deployment Manager 5.1.3	January 2014	January 2017	January 2019
Deployment Manager 5.1.0 – 5.1.2	January 2013	January 2016	January 2018
Deployment Manager 2.x	May 2011	May 2014	May 2016
Deployment Manager 1.x	June 2010	June 2013	June 2015
Zone Provisioning Agent			
ZPA 5.7.0	September 2020	September 2023	September 2025
ZPA 5.6.1	December 2019	December 2022	December 2024
ZPA 5.6.0	August 2019	August 2022	August 2024
ZPA 5.5.2	December 2018	December 2021	December 2023
ZPA 5.5.1	August 2018	August 2021	August 2023
ZPA 5.5.0	April 2018	April 2021	April 2023
ZPA 5.4.3	December 2017	December 2020	December 2022
ZPA 5.4.2	September 2017	September 2020	September 2022
ZPA 5.4.1	May 2017	May 2020	May 2022
ZPA 5.4.0	February 2017	February 2020	February 2022
ZPA 5.3.1	May 2016	May 2019	May 2021
ZPA 5.3.0	December 2015	December 2018	December 2020
ZPA 5.2.3	July 2015	July 2018	July 2020
ZPA 5.2.2	February 2015	February 2018	February 2020
ZPA 5.2.0	August 2014	August 2017	August 2020
ZPA 5.1.3	January 2014	January 2017	January 2019
ZPA 5.1.1 – 5.1.2	July 2013	July 2016	July 2018
ZPA 5.1.0	January 2013	January 2016	January 2018
ZPA 5.0.x	August 2011	August 2014	August 2016
ZPA 1.x	February 2010	February 2013	February 2015
Centrify OpenSSH			
OpenSSH 5.7.0	September 2020	September 2023	September 2025
OpenSSH 5.6.1	December 2019	December 2022	December 2024
OpenSSH 5.6.0	August 2019	August 2022	August 2024
OpenSSH 5.5.2	December 2018	December 2021	December 2023
OpenSSH 5.5.1	August 2018	August 2021	August 2023
OpenSSH 5.5.0	April 2018	April 2021	April 2023
OpenSSH 5.4.3	December 2017	December 2020	December 2022
OpenSSH 5.4.2	September 2017	September 2020	September 2022
OpenSSH 5.4.1	May 2017	May 2020	May 2022
OpenSSH 5.4.0	February 2017	February 2020	February 2022
OpenSSH 5.3.1	May 2016	May 2019	May 2021

OpenSSH 5.3.0	December 2015	December 2018	December 2020
OpenSSH 5.2.3	July 2015	July 2018	July 2020
OpenSSH 5.2.2	February 2015	February 2018	February 2020
OpenSSH 5.1.3 – 5.1.4	January 2014	January 2017	January 2019
OpenSSH 5.1.1 – 5.1.2	July 2013	July 2016	July 2018
OpenSSH 5.1.0	January 2013	January 2016	January 2018
OpenSSH 4.5.5	December 2012	December 2015	December 2017
OpenSSH 4.5.4	September 2012	September 2015	September 2017
OpenSSH 4.5.x	February 2011	February 2014	February 2016
OpenSSH 4.3.x	January 2010	January 2013	January 2015
OpenSSH 4.1.x	September 2008	September 2011	September 2013
OpenSSH 3.x	July 2006	July 2009	July 2011
Centrify for Samba			
Samba Integration 5.7.0	October 2020	October 2023	October 2025
Samba Integration 5.5.2	January 2019	January 2022	January 2024
Samba Integration 5.5.0	June 2018	June 2021	June 2023
Samba Integration 5.4.3	February 2018	February 2021	February 2023
Samba Integration 5.4.0	May 2017	May 2020	May 2022
Samba Integration 5.3.0	May 2016	May 2019	May 2021
Centrify for DB2			
DirectControl for DB2 5.7.0	September 2020	September 2023	September 2025
DirectControl for DB2 5.4.0	May 2017	May 2020	May 2022
DirectControl for DB2 5.2.3	August 2015	August 2018	August 2020
DirectControl for DB2 4.5.0	January 2015	January 2018	January 2020
DirectControl for DB2 4.4.4	August 2012	August 2015	August 2017
DirectControl for DB2 4.1.x	June 2008	June 2011	June 2013
Centrify PuTTY			
PuTTY 5.x-0.73	September 2020	September 2023	September 2025
PuTTY 5.x-0.71	August 2019	August 2022	August 2024
PuTTY 5.x-0.70	April 2018	April 2021	April 2023
PuTTY 5.x-0.69	September 2017	September 2020	September 2022
PuTTY 5.x-0.67	February 2017	February 2020	February 2022
PuTTY 5.x-0.64	July 2015	July 2018	July 2020
PuTTY 5.x-0.63	November 2013	November 2016	November 2018
PuTTY 5.x-0.62	July 2013	July 2016	July 2018
PuTTY 3.x-0.60	October 2007	October 2010	October 2012
PuTTY 3.x-0.59	July 2006	July 2009	July 2011
Centrify Kerberos Tools			
Tools 5.1.0	March 2013	March 2016	March 2018
Tools 4.x	February 2009	February 2012	February 2014
Tools 3.x	July 2006	July 2009	July 2011

Note:
- Deployment Manager, and Centrify Kerberos Tools, are discontinued and hence no more new releases are available. (Ref: CS-47626)
- Centrify DirectSecure is deprecated in release 2020. The last supported version of DirectSecure is version 5.4.2 (Release 2017.2). No new release of DirectSecure is available post 5.4.2 (2017.2) version.

4. Supported Platforms

a) Newly Added Supported Platforms

Support is added to the following operating system platforms in this release: (Ref: CS-48432)

- CentOS 7.8, 8.1, 8.2 (x86_64)
- Debian 9.12, 9.13, 10.2, 10.3, 10.4, 10.5 (x86_64)
- Fedora 31, 32 (x86_64)
- Oracle Linux 7.8, 8.1, 8.2 (x86_64)
- Red Hat Enterprise Linux 7.8 (x86_64, PPC64, PPC64LE)
- Red Hat Enterprise Linux 8.1, 8.2 (x86_64, PPC64LE)
- Ubuntu Linux 20.04 (x86_64, PPC64EL)

b) Supported UNIX/Linux Platforms

Supported Platforms	CPU	Express
Amazon Linux, Amazon Linux 2 LTS	x86_64	Yes
CentOS 6.0-6.10, 7.0-7.8, 8.0-8.2	x86_64	Yes
CoreOS (latest)	x86_64	No
Debian 9.0-9.13, 10.0-10.5	x86_64	Yes
HP-UX 11.31 (Trusted and Untrusted)	Itanium	No
HP-UX 11.31 (Trusted and Untrusted)	PA-RISC	No
IBM AIX 7.1, 7.2	ppc	No
IBM Virtual I/O Server 3.x	ppc	No
Oracle Linux 6.0-6.10, 7.0-7.8, 8.0-8.2	x86_64	Yes
Oracle Solaris 10 u8+, 11.0-11.4	SPARC	No
Oracle Solaris 10 u8+, 11.0-11.4	x86_64	No
Red Hat Enterprise Linux Atomic Host (latest)	x86_64	No
Red Hat Enterprise Linux 5.0-5.11, 6.0-6.10, 7.0-7.8, 8.0-8.2	x86_64	Yes
Red Hat Enterprise Linux 5.0-5.11, 6.0-6.10, 7.0-7.8	ppc64	Yes
Red Hat Enterprise Linux 7.1-7.8, 8.0-8.2	ppc64le	Yes
Red Hat Enterprise Linux 7.2	S390	No
Red Hat Fedora Linux 31, 32	x86_64	Yes
SUSE Enterprise Linux 12 SP4	S390	No
SUSE Enterprise Linux 11 SP2+, 12, 15	x86_64	Yes
SUSE Enterprise Linux 11 SP2+	ppc64	Yes
SUSE Enterprise Linux 12, 15	ppc64le	Yes
Ubuntu Linux 16.04, 18.04, 20.4	x86_64	Yes
Ubuntu Linux 16.04, 18.04, 20.4	ppc64el	Yes

Note 1: Please refer to Planning and Deployment Guide for features
        supported on this platform.
Note 2: Starting with Release 2020, we require the OS patch level
        update 8 or above on Solaris 10.

Additional information
You should follow the OS vendors' recommendation to update the necessary patches. Here are the minimum patch requirements for the specific UNIX platforms (Ref: CS-45562):
    (1)   HPUX 11.31

```
            a. PHNE_40225 - Cumulative Console and BSD Pty Patch (it is
               required for DirectAudit package)
    (2)    Solaris 10 x86_64
            a. 119255-66
            b. 127128-11
            c. 141445-09
            d. 142910-17
    (3)    Solaris 10 SPARC
            a. 119254-66
            b. 120011-14
            c. 127127-11
            d. 142909-17
```

c) Supported Windows Platforms

The following 64-bit Windows platforms are supported on Centrify
Infrastructure Services (Ref: CS-48614):

- Windows 10 LTSB/LTSC (Note 1)
- Windows Server 2012
- Windows Server 2012R2
- Windows Server 2016
- Windows Server 2019 LTSC
- Windows Server 2012 Core (Note 2)
- Windows Server 2012 Minimum Server Interface (Note 2)
- Windows Server 2012R2 Core (Note 2)
- Windows Server 2012R2 Minimum Server Interface (Note 2)

```
Note:
    (1)    We support Windows 10 Long Term Servicing Channel (LTSC), or
           previously called Long Term Servicing Branch (LTSB), editions
           based on Microsoft's lifecycle fact sheet
           https://support.microsoft.com/en-us/help/13853/windows-
           lifecycle-fact-sheet
    (2)    Only the Privilege Elevation Service component of Centrify
           Agent for Windows supports these platforms (Core and Minimum
           Server Interface).
    (3)    Support for all 32-bit Windows platform was terminated in
           2015 (Server Suite 2015.1)
```

To see all the supported platforms in the Centrify Infrastructure
Services for the latest releases, select "SEE ALL PLATFORM VERSIONS"
in www.centrify.com/platforms.

Also note that Centrify Infrastructure Services require specific
versions of .NET to work. Please refer to the following table for the
requirement:

Release	Release Date	Minimum .NET Version	Installation Media Version
Infrastructure Services 2020	September 2020	4.6.2	---

Infrastructure Services 19.9	December 2019	4.6.2	---
Infrastructure Services 19.6	August 2019	4.6.2	---
Infrastructure Services 18.11	December 2018	4.6.2	4.6.2
Infrastructure Services 18.8	August 2018	4.6.2	4.6.2
Infrastructure Services 2018	April 2018	4.6.2	4.6.2
Infrastructure Services 2017.3	December 2017	4.5.2	4.5.2
Infrastructure Services 2017.2	September 2017	4.5.2	4.5.2
Centrify Server Suite 2017.1	May 2017	4.5	4.5.2
Centrify Server Suite 2017	February 2017	4.5	4.5.2
Centrify Server Suite 2016.1	May 2016	4.5	4.5.2
Centrify Server Suite 2016	December 2016	4.5	4.5.2

Note: We no longer bundle .NET in our installation media any more
         starting Release 19.6. (Ref: CS-48613, CS-47940)

5. Notice of Termination of Support

Support is removed from the following operating system platforms in
this release (Ref: CS-48432, CS-48798):
- Debian 8.x
- Red Hat Enterprise Linux 5.2, 6.0 on S390 (Note)
- Solaris 10 before update 8
- SUSE Enterprise Linux 11 SP3 on S390 (Note)
- Ubuntu 19.04, 19.10
- Windows 2008R2
- Windows 7
- Windows 8.x

This release is the last supported release for the following operating
system platforms (Ref: CS-48432):
- Amazon Linux AMI (2018.03)
- CoreOS
- Red Hat Enterprise Linux 5.x
- Red Hat Enterprise Linux 7.2 on S390 (Note)
- Ubuntu 16.04 LTS

Note: As IBM Lab no longer supports Red Hat Enterprise Linux 5.x, 6.x,
7.x and SUSE Enterprise Linux 11 SP3 on S390, we must do the same.
(Ref: CS-48786, CS-48787, CS-48269)

Unless specially announced, we follow Operating System vendors' End of
Life schedule. To check whether your platform is end of life, please
refer to Lifecycle Policy for Centrify Support of Operating Systems
for details. (Ref: CS-47010)

6. Security Advisories

Centrify has established product security policies documented in the web page, https://centrify.force.com/support/CentrifyProductSecurityPolicies. You may also find the details of all the published security advisories there.

For component specific security fixes in this release, you may find them in the corresponding component release-notes.html files. Please refer to Section 7 for a description of individual release notes.

7. Centrify Infrastructure Services Product Component Version Table

Release Version	General Release Date	Access Manager	DirectControl Agent	Centrify OpenSSH	Audit Manage
2020	September 2020	5.7.0	5.7.0	5.7.0	3.7.0
19.9	December 2019	5.6.1	5.6.1	5.6.1	3.6.1
19.6	August 2019	5.6.0	5.6.0	5.6.0	3.6.0
19.2	February 2019	5.5.2	5.5.3	5.5.2	3.5.2
18.11	December 2018	5.5.2	5.5.2	5.5.2	3.5.2
18.8	August 2018	5.5.1	5.5.1	5.5.1	3.5.1
2018	April 2018	5.5.0	5.5.0	5.5.0	3.5.0
2017.3	December 2017	5.4.3	5.4.3	5.4.3	3.4.3
2017.2	September 2017	5.4.2	5.4.2	5.4.2	3.4.2
2017.1	May 2017	5.4.1	5.4.1	5.4.1	3.4.1
2017	February 2017	5.4.0	5.4.0	5.4.0	3.4.0
2016.1 Update	August 2016	5.3.1	5.3.1 Update	5.3.1	3.3.1
2016.1	April 2016	5.3.1	5.3.1	5.3.1	3.3.1
2016 Update	March 2016	5.3.0	5.3.0 Update	5.3.0	3.3.0
2016	December 2015	5.3.0	5.3.0	5.3.0	3.3.0
2015.1 Update	March 2016	5.2.3	5.2.3 Update	5.2.3	3.2.3
2015.1	July 2015	5.2.3	5.2.3	5.2.3	3.2.3
2015	February 2015	5.2.2	5.2.2	5.2.2	3.2.2
2014.1 Update	November 2014	5.2.0	5.2.1	5.1.4	3.2.1
2014.1	August 2014	5.2.0	5.2.0	5.1.4	3.2.1
2014	February 2014	5.1.3	5.1.3	5.1.3	3.2.0

- For Access Manager, DirectControl agent and Centrify OpenSSH, see the Authentication Service and Privilege Elevation Service release notes in the Documentation folder for more information.
- For Audit Manager and DirectAudit agent, see the Audit & Monitoring Service release notes in the Documentation directory for more information.
- For Agent for Windows, see the Agent for Windows release notes in the Documentation directory for more information.
- For Deployment Manager, the last release is v5.5.2 in 18.11, same for Deployment Manager manifest (offline product catalog).
- For Centrify PuTTY, see the Centrify PuTTY release notes in the Documentation directory for more information.

Also, see www.centrify.com/product-versions for product versions.

8. Download Center in Centrify Support Portal

You can get all the supported releases from the download center in Centrify support web site:

https://www.centrify.com/support/customer-support-portal/download-center/

- All the ISO, ZIP, and TGZ files are associated with the MD5 checksum.
- All RPM and DEB packages as well as YUM and APT repositories are also protected by the GPG signature. You can find the GPG public key in the download center.

9. Bugs Fixed

Component specific bug fixes in this release can be found in the corresponding component release-notes.html files. Please refer to Section 7 for a description of individual release notes.

10.   Known Issues

Component specific known issues/limitations can be found in the corresponding component release-notes.html files. Please refer to Section 7 for a description of individual release notes.

For the most up to date list of known issues, please login to the Customer Support Portal at http://www.centrify.com/support and refer to Knowledge Base articles for any known issues with the release.

11.   Additional Information and Support

In addition to the documentation provided with this package, you can find the answers to common questions and information about any general or platform-specific known limitations as well as tips and suggestions from the Centrify Knowledge Base.

The Centrify Resources web site provides access to a wide range of information including analyst report, best practice brief, case study, datasheet, ebook, white papers, etc., that may help you optimize your use of Centrify products. For more information, see the Centrify Resources web site:

www.centrify.com/resources

You can also contact Centrify Support directly with your questions through the Centrify Web site, by email, or by telephone. To contact Centrify Support or to get help with installing or using this software, send email to support@centrify.com or call 1-669-444-5200, option 2. For information about purchasing or evaluating Centrify products, send email to info@centrify.com.