



# Release Document

ScaleArc 2021.1

Cumulative Release Notes

June 2021

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This edition is published in November 2019.

# Table of Contents

[Release Overview](#)

[Changes in Release](#)  
[Resolved Issues](#)

[Supported Platforms](#)

# Release Overview

Ignite is excited to announce the ScaleArc 2021.1 release for our customers. With this release, we continue improvement towards our objectives of high quality, high-stability releases that are meaningful to our customers. We have identified and fixed many issues through our internal testing processes, as well as those surfaced by our customers.

We encourage you to upgrade to the latest version in order to take advantage of the improvements.

❖ <b>Latest Release Version</b>	ScaleArc 2021.1
❖ <b>As of Release Date</b>	June 29 <sup>th</sup> , 2021
❖ <b>Release Type</b>	GA
❖ <b>Deliverables</b>	<ul style="list-style-type: none"><li>• <b>ScaleArc 2021.1 Installer RPM CentOS 7.5 (.RPM)</b></li><li>• <b>ScaleArc 2021.1 CentOS 7.5 Upgrade package (.PKG and .MD5)</b></li><li>• <b>ScaleArc 2021.1 CentOS 7.5 Installation medium (.ISO)</b></li></ul>

# Changes in Release

- 4 issues resolved since ScaleArc 2020.9

## Resolved Issues

Key	Description
SCALEARC-20795	Problem: A vulnerability in unit_deserialize of systemd allows an attacker to supply arbitrary state across systemd re-execution via NotifyAccess. This can be used to improperly influence systemd execution and possibly lead to root privilege escalation. Affected releases are systemd versions up to and including 239. CVE-2018-15686: <a href="http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2018-15686">http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2018-15686</a> . Fix: Update to systemd-241 or higher.
SCALEARC-20795	Problem: An elevation of privilege vulnerability exists when an attacker establishes a vulnerable Netlogon secure channel connection to a domain controller, using the Netlogon Remote Protocol (MS-NRPC), aka 'Netlogon Elevation of Privilege Vulnerability'. Affects samba versions upto and including 4.12.6. CVE-2020-1472: <a href="http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2020-1472">http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2020-1472</a> . Fix: Update to samba 4.12.7 or higher.
SCALEARC-20957	Problem: ScaleArc clusters not closing config replication connections causing a connection starvation situation. Fix: Correct the high availability configuration process.
SCALEARC-21094	Problem: For PostgreSQL DB servers, during prepared statement executions, ScaleArc would consider the errors happened during the preparation phase as internal errors and would close the connection without sending the error response received from DB server to the client. Fix: do not close the connections in the case of DB errors in the preparation phase, and send the error response sent by the database server to the client.

# Supported Platforms

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<b>OS</b>	<ul style="list-style-type: none"><li>● CentOS 7.5</li></ul>
<b>MySQL</b>	<ul style="list-style-type: none"><li>● MySQL 5.5, 5.6, 5.7</li><li>● Percona XtraDB Cluster 5.6.20</li><li>● Galera 3.23 (Maria DB 10.3)</li><li>● MariaDB 10.3</li><li>● Amazon Aurora DB</li></ul>
<b>MS SQL Server</b>	<ul style="list-style-type: none"><li>● SQL Server 2005 (assumed)</li><li>● SQL Server 2008, 2008/R2</li><li>● SQL Server 2012</li><li>● SQL Server 2014</li><li>● SQL Server 2016</li><li>● SQL Server 2017 (limited new features support)</li><li>● Azure SQLDB</li></ul>
<b>Postgresql (BETA)</b>	<ul style="list-style-type: none"><li>● Postgresql 9.5.x</li><li>● Postgresql 10.x</li><li>● Postgresql 11.x</li></ul>