

05 CSS Service Announcement

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Contents

1 Version Lifecycles.....1

2 Release Notes..... 9

2.1 Elasticsearch Release Notes..... 10

2.2 OpenSearch Release Notes..... 12

1Version Lifecycles

On the CSS console, a cluster version is displayed in the format of **Cluster version(Image version)**, where:

- **Cluster version** indicates the cluster's major version, for example, **7.10.2**.
- **Image version** indicates the cluster's image version in the format of **Cluster version_Requirement version_Date identifier**. For example, **7.10.2_24.3.0_0926** indicates version 24.3.0_0926 based on 7.10.2.

The lifecycle of a CSS cluster version includes the following milestones:

- End of Marketing (EOM): Four years after release, the version is no longer available for new cluster deployments.
- End of Full Support (EOFS): One year after EOM (five years after release), the version no longer receives fixes for general bugs or minor issues. Only security updates and critical bug fixes will be provided until End of Service (EOS).
- End of Service (EOS): Six months after EOFS (5.5 years after release), all support is discontinued for the version. The customer will have to upgrade to a new version.

Lifecycle of Elasticsearch Cluster Versions

[Table 1-1](#) provides the lifecycle of CSS Elasticsearch cluster versions, helping you plan your version upgrade schedule.

Table 1-1 Elasticsearch version lifecycle

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
5.5.1	NA	EOS	2017.09.30	2021.09.30	2022.09.30	2023.03.30
6.2.3	NA	EOS	2018.06.30	2022.06.30	2023.06.30	2023.12.30
6.5.4	NA	EOS	2019.03.30	2023.03.30	2024.03.30	2024.09.30

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
6.8.23 (intermediate version, not for sale)	NA	NA	NA	NA	NA	NA
7.1.1	NA	EOS	2019.09.30	2023.09.30	2024.09.30	2025.03.30
	7.1.1_22.5.1_0106	Limited use	2023.01.30	2027.01.30	2028.01.30	2028.07.30
	7.1.1_22.5.2_0302	Limited use	2023.03.30	2027.03.30	2028.03.30	2028.09.30
	7.1.1_23.1.1_0427	Limited use	2023.05.30	2027.05.30	2028.05.30	2028.11.30
	7.1.1_23.2.1_0719	Limited use	2023.07.30	2027.07.30	2028.07.30	2029.01.30
	7.1.1_23.3.1_0823	Limited use	2023.09.30	2027.09.30	2028.09.30	2029.03.30
	7.1.1_24.2.0_0625	Limited use	2024.06.30	2028.06.30	2029.06.30	2029.12.30
	7.1.1_24.3.0_0920	Limited use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	7.1.1_24.3.1_1114	Limited use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	7.1.1_25.3.0_0407	Limited use	2025.05.12	2029.05.12	2030.05.12	2030.11.12
7.6.2	NA	EOFS	2020.06.30	2024.06.30	2025.06.30	2025.12.30
	7.6.2_22.5.1_0106	Commercial use	2023.01.30	2027.01.30	2028.01.30	2028.07.30
	7.6.2_22.5.2_0302	Commercial use	2023.03.30	2027.03.30	2028.03.30	2028.09.30
	7.6.2_23.1.1_0523	Commercial use	2023.05.30	2027.05.30	2028.05.30	2028.11.30

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
	7.6.2_23.2.1_0726	Commercial use	2023.07.30	2027.07.30	2028.07.30	2029.01.30
	7.6.2_23.3.1_0904	Commercial use	2023.09.30	2027.09.30	2028.09.30	2029.03.30
	7.6.2_23.5.0_1212	Commercial use	2023.12.30	2027.12.30	2028.12.30	2029.06.30
	7.6.2_23.5.1_0123	Commercial use	2024.01.30	2028.01.30	2029.01.30	2029.07.30
	7.6.2_24.1.0_0410	Commercial use	2024.05.30	2028.05.30	2029.05.30	2029.11.30
	7.6.2_24.2.0_0615	Commercial use	2024.06.30	2028.06.30	2029.06.30	2029.12.30
	7.6.2_24.3.0_0920	Commercial use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	7.6.2_24.3.1_1114	Commercial use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	7.6.2_24.3.3_1225	Commercial use	2024.12.30	2028.12.30	2029.12.30	2030.06.30
	7.6.2_25.1.0_0227	Commercial use	2025.03.10	2029.03.10	2030.03.10	2030.09.10
	7.6.2_25.3.0_0506	Commercial use	2025.05.12	2029.05.12	2030.05.12	2030.11.12
7.9.3	NA	EOM	2020.12.30	2024.12.30	2025.12.30	2026.06.30
	7.9.3_22.5.1_0106	Limited use	2023.01.30	2027.01.30	2028.01.30	2028.07.30
	7.9.3_22.5.2_0302	Limited use	2023.03.30	2027.03.30	2028.03.30	2028.09.30

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
	7.9.3_23.1.1_0427	Limited use	2023.05.30	2027.05.30	2028.05.30	2028.11.30
	7.9.3_23.2.1_0719	Limited use	2023.07.30	2027.07.30	2028.07.30	2029.01.30
	7.9.3_23.3.1_0823	Limited use	2023.09.30	2027.09.30	2028.09.30	2029.03.30
	7.9.3_24.2.0_0625	Limited use	2024.06.30	2028.06.30	2029.06.30	2029.12.30
	7.9.3_24.3.0_0920	Limited use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	7.9.3_24.3.1_1114	Limited use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	7.9.3_25.3.0_0407	Limited use	2025.05.12	2029.05.12	2030.05.12	2030.11.12
7.10.2	NA	Commercial use	2022.03.30	2026.03.30	2027.03.30	2027.09.30
	7.10.2_22.5.1_0106	Commercial use	2023.01.30	2027.01.30	2028.01.30	2028.07.30
	7.10.2_22.5.2_0302	Commercial use	2023.03.30	2027.03.30	2028.03.30	2028.09.30
	7.10.2_22.5.4_0427	Commercial use	2023.04.30	2027.04.30	2028.04.30	2028.10.30
	7.10.2_23.1.1_0523	Commercial use	2023.05.30	2027.05.30	2028.05.30	2028.11.30
	7.10.2_23.2.1_0726	Commercial use	2023.07.30	2027.07.30	2028.07.30	2029.01.30
	7.10.2_23.3.1_0904	Commercial use	2023.09.30	2027.09.30	2028.09.30	2029.03.30
	7.10.2_23.3.3_1019	Commercial use	2023.10.30	2027.10.30	2028.10.30	2029.04.30

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
	7.10.2_23.5.0_1212	Commercial use	2023.12.30	2027.12.30	2028.12.30	2029.06.30
	7.10.2_23.5.1_0123	Commercial use	2024.01.30	2028.01.30	2029.01.30	2029.07.30
	7.10.2_24.1.0_0410	Commercial use	2024.05.30	2028.05.30	2029.05.30	2029.11.30
	7.10.2_24.2.0_0625	Commercial use	2024.06.30	2028.06.30	2029.06.30	2029.12.30
	7.10.2_24.2.1_0720	Commercial use	2024.07.30	2028.07.30	2029.07.30	2030.01.30
	7.10.2_24.3.0_0926	Commercial use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	7.10.2_24.3.2_1127	Commercial use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	7.10.2_24.3.3_0102	Commercial use	2024.12.30	2028.12.30	2029.12.30	2030.06.30
	7.10.2_24.3.4_0116	Commercial use	2025.01.20	2029.01.20	2030.01.20	2030.07.20
	7.10.2_25.1.0_0227	Commercial use	2025.03.10	2029.03.10	2030.03.10	2030.09.10
	7.10.2_25.3.0_0507	Commercial use	2025.05.12	2029.05.12	2030.05.12	2030.11.12

Lifecycle of OpenSearch Cluster Versions

Table 1-2 provides the lifecycle of CSS OpenSearch cluster versions, helping you plan your version upgrade schedule.

Table 1-2 OpenSearch version lifecycle

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
1.3.6	NA	Commercial use	2023.06.30	2027.06.30	2028.06.30	2028.12.30
	1.3.6_23.2.1_0726	Commercial use	2023.07.30	2027.07.30	2028.07.30	2029.01.30
	1.3.6_23.3.1_0824	Commercial use	2023.09.30	2027.09.30	2028.09.30	2029.03.30
	1.3.6_23.5.0_1213	Commercial use	2023.12.30	2027.12.30	2028.12.30	2029.06.30
	1.3.6_23.5.1_0123	Commercial use	2024.01.30	2028.01.30	2029.01.30	2029.07.30
	1.3.6_24.1.0_0410	Commercial use	2024.05.30	2028.05.30	2029.05.30	2029.11.30
	1.3.6_24.2.0_0615	Commercial use	2024.06.30	2028.06.30	2029.06.30	2029.12.30
	1.3.6_24.3.0_0920	Commercial use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	1.3.6_24.3.1_1114	Commercial use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	1.3.6_24.3.3_1225	Commercial use	2024.12.30	2028.12.30	2029.12.30	2030.06.30
	1.3.6_25.1.0_0227	Commercial use	2025.03.10	2029.03.10	2030.03.10	2030.09.10
	1.3.6_25.3.0_0407	Commercial use	2025.05.12	2029.05.12	2030.05.12	2030.11.12
2.11.0	NA	Limited use	2023.12.30	2027.12.30	2028.12.30	2029.06.30

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
	2.11.0_23.5.1_0113	Limited use	2024.01.30	2028.01.30	2029.01.30	2029.07.30
	2.11.0_24.1.0_0410	Limited use	2024.05.30	2028.05.30	2029.05.30	2029.11.30
	2.11.0_24.2.0_0615	Limited use	2024.06.30	2028.06.30	2029.06.30	2029.12.30
	2.11.0_24.3.0_0920	Limited use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	2.11.0_24.3.1_1114	Limited use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	2.11.0_25.1.0_0227	Limited use	2025.03.10	2029.03.10	2030.03.10	2030.09.10
	2.11.0_25.3.0_0407	Limited use	2025.05.12	2029.05.12	2030.05.12	2030.11.12
2.17.1	2.17.1_24.3.2_1122	Limited use	2024.11.30	2028.11.30	2029.11.30	2030.05.30
	2.17.1_25.3.0_0407	Commercial use	2025.05.12	2029.05.12	2030.05.12	2030.11.12

Lifecycle of Logstash Cluster Versions

Table 1-3 provides the lifecycle of CSS Logstash cluster versions, helping you plan your version upgrade schedule.

Table 1-3 Logstash version lifestyle

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
5.6.16	NA	Limited use	2020.12.30	2024.12.30	2025.12.30	2026.06.30
	5.6.16_24.3.0_0920	Limited use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	5.6.16_24.3.3_1126	Limited use	2024.12.30	2028.12.30	2029.12.30	2030.06.30

Cluster Version	Image Version	Status	Released	EOM	EOFS	EOS
7.10.0	NA	Commercial use	2020.12.30	2024.12.30	2025.12.30	2026.06.30
	7.10.0_24.3.0_0920	Commercial use	2024.09.30	2028.09.30	2029.09.30	2030.03.30
	7.10.0_24.3.3_1126	Commercial use	2024.12.30	2028.12.30	2029.12.30	2030.06.30

Recommended Action Upon Version EOX

When a cluster version reaches EOM, EOFS, or EOS, you have the following options:

- Version upgrade: If your Elasticsearch and OpenSearch clusters can be upgraded, upgrade them. For details, see [Upgrading the Version of an Elasticsearch Cluster](#) or [Upgrading the Version of an OpenSearch Cluster](#).
- Cluster migration: If your Elasticsearch or OpenSearch clusters cannot be upgraded, migrate them to achieve cross-version upgrade. For details, see [Elasticsearch Data Migration](#). Logstash clusters cannot be upgraded. To use a new version, save the configuration file **conf** in the original cluster as a user-defined template. After creating a new cluster, select the saved **conf** template as a user-defined template of the new cluster to restore the data of the old cluster.

2 Release Notes

2.1 Elasticsearch Release Notes

Elasticsearch 7.10.2

Table 2-1 Elasticsearch 7.10.2

Image Version	Description
7.10.2_25.3.0_0507	New features and performance enhancements: • Removed some residual settings for plug-ins when restoring indexes. • Fixed the following issue: The SQL plug-in may cause some nodes to restart. • Fixed the following issue: The breaker of a security-mode cluster is inconsistent with the Elasticsearch design. • Optimized node lockout mechanism: To prevent specific nodes from being locked due to repeated incorrect password attempts, add their IP addresses to a whitelist. • Fixed the following issue: Occasionally, the file descriptor remains allocated after a Kibana log file is deleted. • Optimized compatibility with clients of later versions. • Added support for a custom QueryPhase plug-in. Vector indexes support parallel searches across segments. • Added write failure monitoring. • Fixed the following issue: The lifecycle plug-in may cause upgrade failures. • Fixed the following issue: The error "topDocs already consumed" may occur when sorting is performed. • Optimized the error message displayed when decoupled storage and compute (index freezing) is used for a non-existent index. • Fixed the following issue: The IK dictionary file may not take effect on new nodes upon an upgrade or scale-out operation. • Fixed the following issue: Kibana cannot deliver password change requests due to an incorrect UI string (Chinese). • Supports a retry mechanism for OBS access by the hpack vector plug-in. • Fixed the following issue: A 6.x security-mode cluster may fail to be upgraded to 7.10.2.

Image Version	Description
	- Fixed the following issue: Elasticsearch processes may fail to restart with the error "alias has more than one write index." - Kibana basePathAlias can contain -_.
7.10.2_25.1.0_0227	New features and performance enhancements: - Added a node alarm to indicate abnormality of the filesystem tune2fs. - Fixed the following issue: File handles may fail to be released promptly during log ingestion. - Vector search supports indexing algorithms GRAPH_SQ4 and GRAPH_SQ8. - The index lifecycle plugin supports skipping the rollover step. - Fixed the following issue for the storage-compute decoupling plugin: An incompatibility issue may occur during upgrade due to obs_index_allocator. - Fixed the following issue: Process restart may occur when a _msearch query is canceled.

Elasticsearch 7.6.2

Table 2-2 Elasticsearch 7.6.2

Image Version	Description
7.6.2_25.3.0_0506	New features and performance enhancements: - Removed some residual settings for plug-ins when restoring indexes. - Fixed the following issue: The SQL plug-in may cause some nodes to restart. - Fixed the following issue: The breaker of a security-mode cluster is inconsistent with the Elasticsearch design. - Added write failure monitoring. - Fixed the following issue: The IK dictionary file may not take effect on new nodes upon an upgrade or scale-out operation. - Fixed the following issue: Snapshot operations may get stuck when a circuit breaker is triggered. - Fixed the following issue: Shards may fail to be allocated when read/write splitting is enabled.

Image Version	Description
7.6.2_25.1.0_0227	New features and performance enhancements: • Added a node alarm to indicate abnormality of the filesystem tune2fs. • The index lifecycle plugin supports skipping the rollover step. Fixed the following issue: If an index name contains minutes, the rollover alias may fail to be updated. • Fixed the following issue for the storage-compute decoupling plugin: An incompatibility issue may occur during upgrade due to obs_index_allocator. • Fixed the following issue: Process restart may occur when a _msearch query is canceled.

2.2 OpenSearch Release Notes

OpenSearch 2.17.1

Table 2-3 OpenSearch 2.17.1

Image Version	Description
2.17.1_25.3.0_0407	The same as OpenSearch 2.17.1 in the open-source community.

OpenSearch 1.3.6

Table 2-4 OpenSearch 1.3.6

Image Version	Description
1.3.6_25.3.0_0407	New features and performance enhancements: • Removed some residual settings for plug-ins when restoring indexes. • Fixed the following issue: The breaker of a security-mode cluster is inconsistent with the Elasticsearch design. • Optimized node lockout mechanism: To prevent specific nodes from being locked due to repeated incorrect password attempts, add their IP addresses to a whitelist. • Added write failure monitoring. • Added the Pangu search plug-in to implement semantic search. • Fixed the following issue: The IK dictionary file may not take effect on new nodes upon an upgrade or scale-out operation.
1.3.6_25.1.0_0227	New features and performance enhancements: • Added a node alarm to indicate abnormality of the filesystem tune2fs. Fixed the following issue: File handles may fail to be released promptly during log ingestion. • Fixed the following issue: Process restart may occur when a _msearch query is canceled.