Realize your vision

SAMSUNG SDS Cloud

Middleware

JBoss EAP/WS
WildFly
Apache
Tomcat
JEUS
WebLogic

SAMSUNG SDS

Middleware

JBoss EAP/WS

Open source-based, enterprise-class Java™ web application server

JBoss EAP is an open source Java™ EE application server that delivers enterprise-class performance and capabilities and is provided with JBoss WS web service framework. A Combination of SDS Cloud compute products with high-level security system and professional operation services, makes it easier to deploy applications instantly without any installation and configuration processes.

Enterprise-class performance and capabilities

Enterprise-grade features such as failover, high-availability clustering, distributed caching, intelligent load balancing, and distributed deployment are added to fully address a wide range of Java application requirements.

High efficiency

Network security services on top of a professional security system of SDS Cloud computing services. Expert diagnostics and recommendations are automatically reflected in the system settings, making it easier to use the service without any separate optimization settings.

Runnable on various compute environment

There are packaged type in which JBoss EAP/WS is provided with infrastructure such as virtual server or container. Also, JBoss EAP/WS can be purchased alone, so that it can be integrated into customers' existing infrastructure.

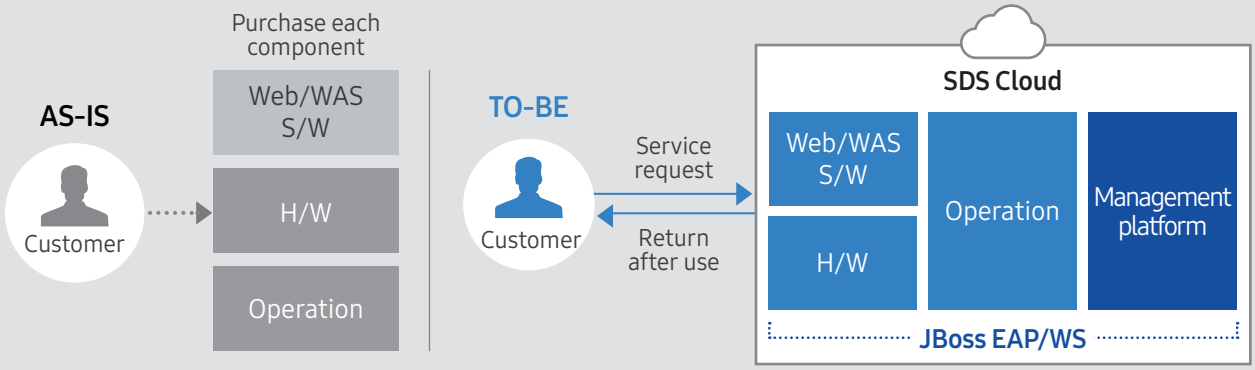
Elastic server use

JBoss EAP/WS packaged with the container service offers auto-scaling to optimize server use depending on traffic fluctuations.

Self-service

You can create, change and cancel instances of web application server yourself. You can also make additional changes such as changing operation service level or expanding storage capacity.

JBoss EAP/WS Service Architecture



Offerings and Pricing

- Two types of products are available packaged with SDS Cloud Compute products (Packaged with Virtual Server and packaged with Container)
- Prices may vary depending on hardware and OS configuration, and operation service levels
- Session clustering service and WAS monitoring service are provided as supplementary services

Related Other Products

Compute	**Virtual Server**	Virtual server optimized for various use purposes
	Container	Virtual server based on container technology
	Bare Metal Server	Single-tenant and high-performing physical server
	Auto-Scaling	Automatically adjusting resources based upon demand
Storage	**Block Storage**	Storage assigned to the server
	File Storage	Storage for data sharing between servers
	Object Storage	Storage accessible anytime anywhere via web
	Backup	Backup service to minimize data loss
Networking	**Load Balancer**	Balancing server traffic load for service stability
Managed & Consulting	**Managed Service**	Operation and management service for cloud computing resources
DevOps Tools	**KHAN**	Monitoring service for web application performance
	Jennifer	Monitoring service for web application performance

Contact Us

To learn more about SAMSUNG SDS Cloud service, please send us an email at cloud.sds@samsung.com or visit website https://cloud.samsungsds.com.

SAMSUNG SDS
Realize your vision

Middleware

WildFly

WildFly project-based Java™ web application server

WildFly is a open source Java™ application server based on the latest release of JBoss AS community edition with Samsung SDS operations expertise. A Combination of SDS Cloud compute products with high-level security system and professional operation services, makes it easier to deploy applications instantly without any installation and configuration processes.

High availability

WildFlly provides scale-out and stable throughput capabilities to flexibly handle a variety of unique customer needs.

High efficiency

Network security services on top of a professional security system of SDS Cloud computing services. Expert diagnostics and recommendations are automatically reflected in the system settings, making it easier to use the service without any separate optimization settings.

Runnable on various compute environment

There are packaged type in which WildFly is provided with infrastructure such as virtual server or container. Also, WildFly can be purchased alone, so that it can be integrated into customers' existing infrastructure.

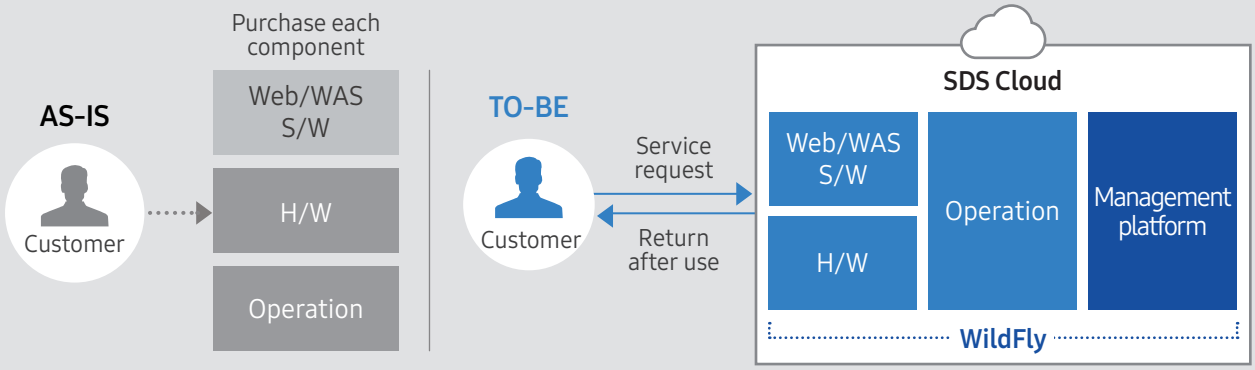
Elastic server use

WildFly packaged with the container service offers auto-scaling to optimize server use depending on traffic fluctuations.

Self-service

You can create, change and cancel instances of web application server yourself. You can also make additional changes such as changing operation service level or expanding storage capacity.

WildFly Service Architecture



Offerings and Pricing

- Two types of products are available packaged with SDS Cloud Compute products (Packaged with Virtual Server and packaged with Container)
- Prices may vary depending on hardware and OS configuration, and operation service levels
- Session clustering service and WAS monitoring service are provided as supplementary services

Related Other Products

Compute	**Virtual Server**	Virtual server optimized for various use purposes
	Container	Virtual server based on container technology
	Bare Metal Server	Single-tenant and high-performing physical server
	Auto-Scaling	Automatically adjusting resources based upon demand
Storage	**Block Storage**	Storage assigned to the server
	File Storage	Storage for data sharing between servers
	Object Storage	Storage accessible anytime anywhere via web
	Backup	Backup service to minimize data loss
Networking	**Load Balancer**	Balancing server traffic load for service stability
Managed & Consulting	**Managed Service**	Operation and management service for cloud computing resources
DevOps Tools	**KHAN**	Monitoring service for web application performance
	Jennifer	Monitoring service for web application performance

Contact Us

To learn more about SAMSUNG SDS Cloud service, please send us an email at cloud.sds@samsung.com or visit website https://cloud.samsungsds.com.

SAMSUNG SDS
Realize your vision

Middleware

Apache

Apache project-based web server

Apache is a web server running on various operating system. A Combination of SDS Cloud compute products with high-level security system and professional operation services, makes it easier to deploy applications instantly without any installation and configuration processes.

High availability

Apache provides scale-out and stable throughput capabilities to flexibly handle a variety of unique customer needs. Apache packaged with container has a built-in load balancing feature and virtual server-packaged Apache can also add load balancing for high availability.

High efficiency

Network security services on top of a professional security system of SDS Cloud computing services. Expert diagnostics and recommendations are automatically reflected in the system settings, making it easier to use the service without any separate optimization settings.

Runnable on various compute environment

There are packaged type in which Apache is provided with infrastructure such as virtual server or container. Also, Apache can be purchased alone, so that it can be integrated into customers' existing infrastructure.

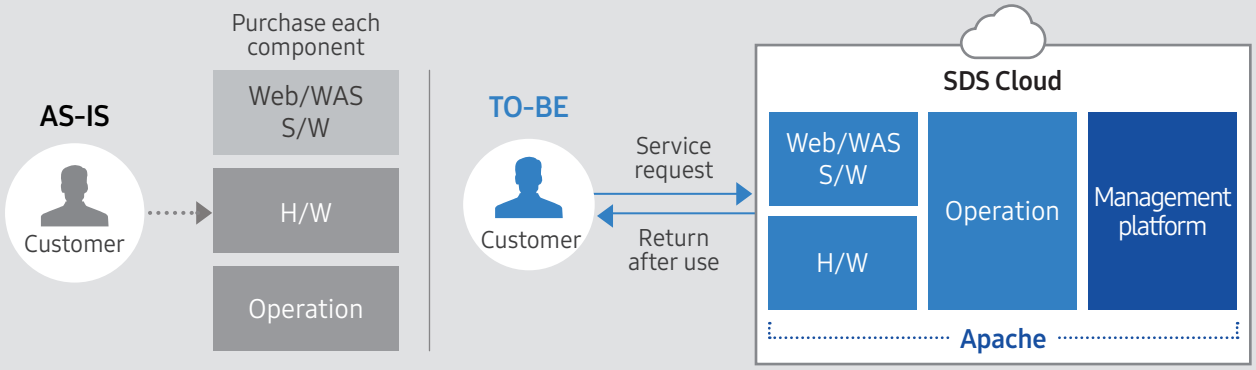
Elastic server use

Apache packaged with the container service offers auto-scaling to optimize server use depending on traffic fluctuations.

Self-service

You can create, change and cancel instances of web application server yourself. You can also make additional changes such as changing operation service level or expanding storage capacity.

Apache Service Architecture



Offerings and Pricing

- Two types of products are available packaged with SDS Cloud Compute products (Packaged with Virtual Server and packaged with Container)
- Prices may vary depending on hardware and OS configuration, and operation service levels

Related Other Products

Compute	Virtual Server	Virtual server optimized for various use purposes
	Container	Virtual server based on container technology
	Bare Metal Server	Single-tenant and high-performing physical server
	Auto-Scaling	Automatically adjusting resources based upon demand
Storage	Block Storage	Storage assigned to the server
	File Storage	Storage for data sharing between servers
	Object Storage	Storage accessible anytime anywhere via web
	Backup	Backup service to minimize data loss
Networking	Load Balancer	Balancing server traffic load for service stability
Managed & Consulting	Managed Service	Operation and management service for cloud computing resources
DevOps Tools	KHAN	Monitoring service for web application performance
	Jennifer	Monitoring service for web application performance

Contact Us

To learn more about SAMSUNG SDS Cloud service, please send us an email at cloud.sds@samsung.com or visit website https://cloud.samsungsds.com.

SAMSUNG SDS
Realize your vision

Middleware

Tomcat

Web application server based on open source Servlet Container

Tomcat is an open source Java Servlet Container based web application server developed by the Apache Software Foundation (ASF). A Combination of SDS Cloud compute products with high-level security system and professional operation services, makes it easier to deploy applications instantly without any installation and configuration processes.

High availability

Tomcat supports Java EE specifications used in the latest version of servlet/JSP and enterprise environment. It also supports Java Database Connectivity (JDBC) that connects Java and various databases.
With connection with various web servers, Tomcat offers load balancing and failover. Its clustering function links multiple servers together to act like a single server, improving availability.

Flexibility

Tomcat supports various computing environments including physical servers, virtual servers and containers. With small memory footprint and reduced boot time, Tomcat enables you to respond flexibly to heavy load situations.

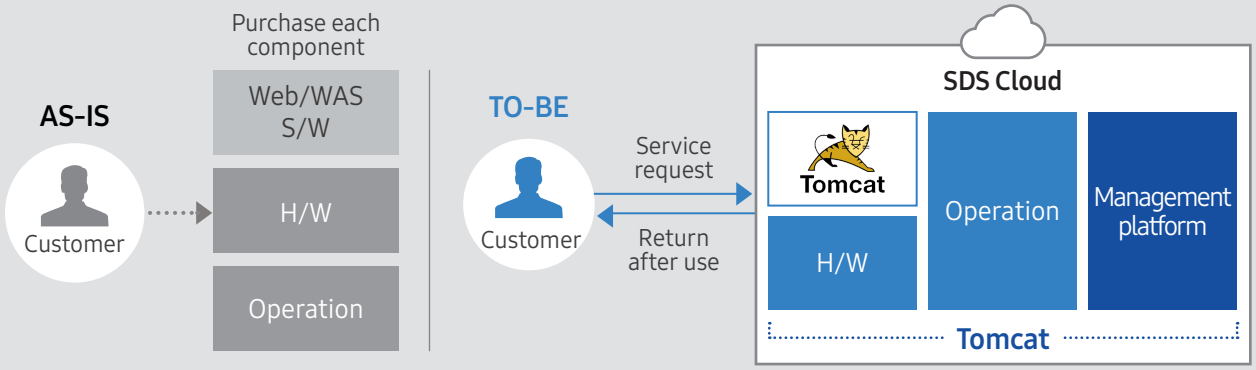
High efficiency

Network security services on top of a professional security system of SDS Cloud computing services. Expert diagnostics and recommendations are automatically reflected in the system settings, making it easier to use the service without any separate optimization settings.

Self-service

You can create, change and cancel instances of web application server yourself. You can also make additional changes such as changing operation service level or expanding storage capacity.

Tomcat Service Architecture



Offerings and Pricing

- Tomcat community version is available free of charge (computing service charge not included)
- Care Pack service can be purchased separately when technical support is required

Related Other Products

Compute	**Container**	Virtual server based on container technology
Networking	**Load Balancer**	Balancing server traffic load for service stability
Middleware	**Apache**	Apache project-based web server
DevOps Tools	**KHAN**	Monitoring service for web application performance
	Jennifer	Monitoring service for web application performance

Contact Us

To learn more about SAMSUNG SDS Cloud service, please send us an email at cloud.sds@samsung.com or visit website https://cloud.samsungsds.com.

SAMSUNG SDS
Realize your vision

Middleware

JEUS

Enterprise class web application server

JEUS is a enterprise class, Java based web application server developed by TmaxSoft. A Combination of SDS Cloud compute products with high-level security system and professional operation services, makes it easier to deploy applications instantly without any installation and configuration processes.

High performance and availability

JEUS supports high-performance functionality that can handle large volumes of transactions such as HTTP message queuing, thread pooling, caching, DB connection pooling. Its clustering function enables load balancing and failover to ensure reliability.

High development productivity

JEUS supports the latest version of Java™ EE 7 full specifications and web service standards. With data compression and multiplexing technology, it can handle HTTP requests requiring high performance. With connection with Eclipse, JEUS supports an integrated development environment.

Scalability and flexibility

JEUS's dynamic clustering supports scalability. JEUS also supports connections with various services such as web server, network management system (NMS) and application performance monitoring (APM). It provide frameworks for a variety of open source development.

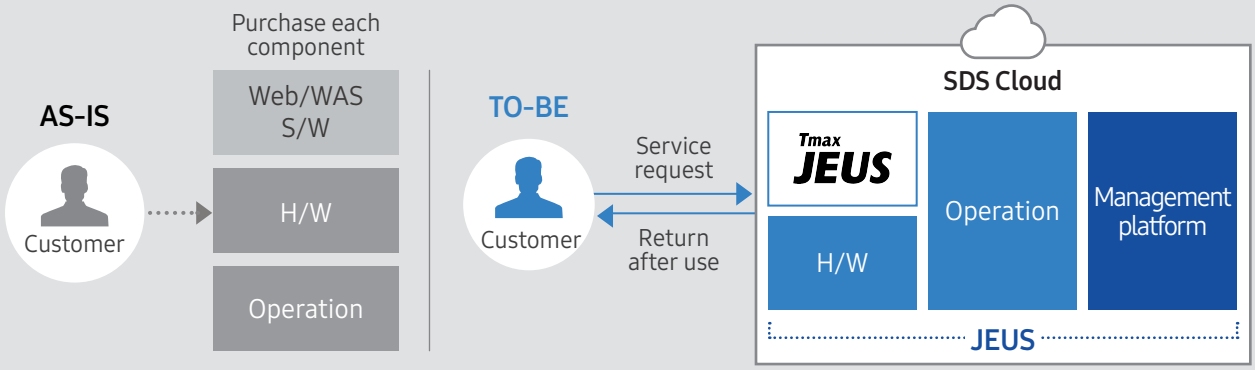
Flexible server use

JEUS packaged with Container provides auto-scaling to optimize server usage based on traffic volume.

Self-service

You can create, change and cancel instances of web server yourself. You can also make additional changes such as changing operation service level or expanding storage capacity.

JEUS Service Architecture



Offerings and Pricing

- Two types of products are available packaged with SDS Cloud Compute products (Packaged with Virtual Server and packaged with Container)
- Prices may vary depending on hardware and OS configuration, and operation service levels
- Session clustering service and WAS monitoring service are provided as supplementary services
  - Session clustering service supports distributed data storage, parallel processing, and XA transaction
  - WAS monitoring service offers real-time server instance monitoring and analysis

Related Other Products

Compute	**Container**	Virtual server based on container technology
Storage	**Block Storage**	Storage assigned to the server
	File Storage	Storage for data sharing between servers
	Object Storage	Storage accessible anytime anywhere via web
	Backup	Backup service to minimize data loss
Networking	**Load Balancer**	Balancing server traffic load for service stability
Middleware	**Apache**	Apache project-based web server

Contact Us

To learn more about SAMSUNG SDS Cloud service, please send us an email at cloud.sds@samsung.com or visit website https://cloud.samsungsds.com.

SAMSUNG SDS
Realize your vision

Middleware

WebLogic

Enterprise class web application server

WebLogic is a enterprise class, Java based web application server developed by Oracle. It is suitable for applications that require large volumes of data and services for enterprises. A Combination of SDS Cloud compute products with high-level security system and professional operation services, makes it easier to deploy applications instantly without any installation and configuration processes.

High performance and scalability

WebLogic's self-tuning enables the best performance in various operating environment. Policy-based dynamic clustering allows you to scale up and down servers automatically, so you can respond to any changes in business flexibly.

Easy manageability

You can use the web-based management console to monitor cluster status and session information, and to deploy, configure, and manage applications. WebLogic has the ability to set up, manage, and monitor multiple servers, applications, and resources in a per domain cluster.

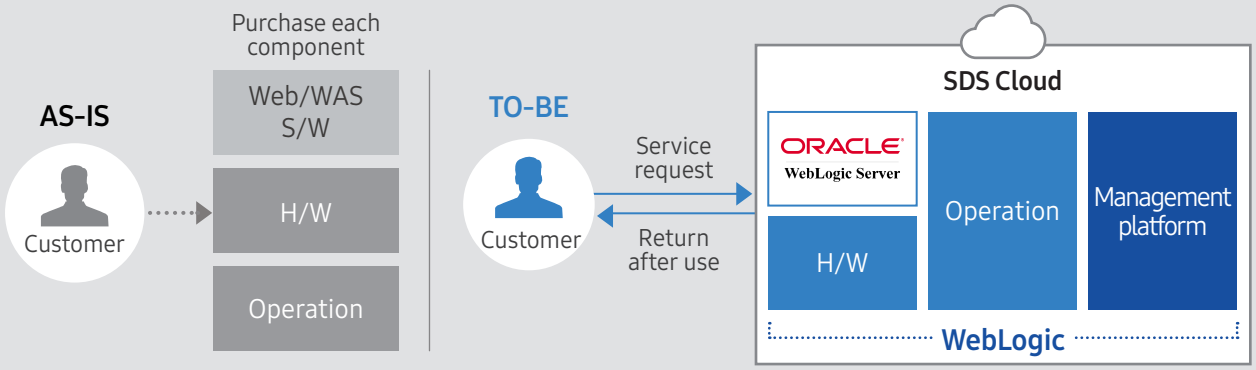
High efficiency

Network security services on top of a professional security system of SDS Cloud computing services. Expert diagnostics and recommendations are automatically reflected in the system settings, making it easier to use the service without any separate optimization settings.

Self-service

You can create, change and cancel instances of web server yourself. You can also make additional changes such as changing operation service level or expanding storage capacity.

WebLogic Service Architecture



Offerings and Pricing

- Two types of products are available packaged with SDS Cloud Compute products (Packaged with Virtual Server and packaged with Container)
- Prices may vary depending on hardware and OS configuration, and operation service levels
- Session clustering service and WAS monitoring service are provided as supplementary services
  - Session clustering service supports distributed data storage, parallel processing, and XA transaction
  - WAS monitoring service offers real-time server instance monitoring and analysis

Related Other Products

Compute	**Virtual Server**	Virtual server optimized for various use purposes
Storage	**Block Storage**	Storage assigned to the server
	File Storage	Storage for data sharing between servers
	Object Storage	Storage accessible anytime anywhere via web
	Backup	Backup service to minimize data loss
Networking	**Load Balancer**	Balancing server traffic load for service stability
Middleware	**Apache**	Apache project-based web server

Contact Us

To learn more about SAMSUNG SDS Cloud service, please send us an email at cloud.sds@samsung.com or visit website https://cloud.samsungsds.com.

SAMSUNG SDS
Realize your vision

SAMSUNG SDS

Realize your vision

www.samsungsds.com