

PHILIPS

HealthSuite

Digital Platform

Host

Our core services for cloud-native development and managed infrastructure to deploy and continuously monitor application performance and system health status.

Host services provide managed infrastructure for hosting along with essential and basic managed services for hosted applications, all supported by SLAs and performance metrics.

Value

- **Marketplace of building blocks:** Commonly used services, including databases and queues, in an environment that meets regulatory requirements
- **Auditing and logging:** Enhanced debugging efficiency, traceability, and compliance with privacy, security, and regulatory standards for all applications being developed
- **Specialized services:** Services to increase developers' visibility into application activity
- **Notifications and configuration:** Facilitations and loosely coupled integrations with other services
- **Environment for cloud-native development:** Environment that meets regulatory requirements to support you in rapidly developing and testing cloud-native applications

Specialized Services Features

Host services provide specialized services to facilitate the development of cloud-based applications.

- The **Auditing** service offers a centralized management service for collecting and querying audit messages that record data access and usage across applications built using HSDP. Use it to create and retain audit events to help meet regulatory requirements.
- The **Logging** service provides a centralized log management service for collecting, analyzing, and displaying logs for cloud-native applications. You can use these logs to analyze performance or bugs.
- The **Discovery** service allows customers to dynamically discover and retrieve service endpoints (URLs) for their applications. Users, devices, or services can retrieve the set of services and corresponding URLs that have been configured for their applications. Currently available only for HSDP services.
- The **Notification** service provides an event notification mechanism for HSDP-based applications in a service-to-service deployment model where producers or subscribers could be HSDP internal components, HSDP-based applications, or HSDP interacting with third-party applications.

Infrastructure Services Features

- Orchestration capabilities enable dependent services to work together seamlessly with HSDP's Identity and Access Management (IAM).

Amazon Elastic Kubernetes Service (EKS) Features

Amazon Elastic Kubernetes Service (EKS) is available for you to run your containerized workloads on Kubernetes.

- EKS and all add-on components are configured in compliance with the HSP security policy and other established best practices, with in-cluster policy enforcement and security scanning.
- All critical cluster and add-on components are configured for high availability and can survive an outage in a single AWS availability zone (AZ). Cluster autoscaling is included.
- Observability components are built in, with metrics collection and container log aggregation to CloudWatch by default. Optional components are available and include enhanced tools for distributed tracing and lower-cost log aggregation.
- A declarative 'GitOps' continuous delivery (CD) tool for application deployment and lifecycle management is included.
- DNS records are managed automatically in the per-account Route 53 zone generated for each HSP AWS Account.
- Kubernetes Ingress is pre-configured, with TLS termination for hostnames in the Route 53 zone. Application traffic is automatically load-balanced to the available Ingress controllers.
- Kubernetes Role-Based Access Control (RBAC) is pre-configured for groups that map to IAM roles for the default AWS permission sets in the account (which in turn map to the default set of Azure AD groups provisioned for the account).

For more information,
please go to hsdp.io.

