



CA Network and Systems Management Solutions for OpenVMS Product Roadmap

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September 19, 2008

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Product Mission

OpenVMS systems are key components of the IT infrastructure in many global corporations and are deployed in mission critical environments because of their reliability, high availability, scalability, security and high performance. Long term viability of this platform is critical to the success of many enterprises. HP responded by making OpenVMS I64 available on the Intel Itanium 2 processor-based HP Integrity Servers and designating it as one of HP's core platforms.

Managing OpenVMS as part of a heterogeneous environment is a challenge faced by many organizations. Whether OpenVMS has been deployed as a production server, data source, or a network host, it is likely to be a critical component required to run your business processes. As part of CA's strategy of simplifying management, reducing complexity, managing change and interoperability, CA provides several key management solutions to manage your enterprise wide OpenVMS systems.

CA has a large portfolio of OpenVMS solutions to manage systems, security and storage. This document will, however, focus on the following systems management products.

- **CA Console Management for OpenVMS** enables centralized out-of-band management of system, device and application consoles from anywhere within the enterprise. It enables you to consolidate and scan console messages from OpenVMS, UNIX, network and storage systems and devices for known patterns, send alerts for critical events, initiate remedial actions, and perform all console functions including remote shutdowns and reboots, thus providing you with remote access and centralized control. With automatic fail-over and load sharing features, it helps you implement disaster-tolerant operations centers.
- **CA Job Management for OpenVMS** provides automated job and workload management, making it easy to verify that your OpenVMS applications run in the desired sequence in a timely manner. It allows you to centrally control all aspects of job execution and manage complex interdependencies of job execution and error recovery in your enterprise-wide OpenVMS environment.
- **CA Performance Management for OpenVMS** automatically collects and analyzes OpenVMS performance data, providing users with knowledge-based expert tuning advice, real-time monitoring and historical graphs and reports. It helps you identify potential problems and suggests required remedies to alleviate the problems before they adversely impact your business operations.
- **CA System Watchdog for OpenVMS** enables central monitoring of systems, networks, processes and subsystem events in an OpenVMS environment. By keeping a

watchful eye on OpenVMS systems and sending event based alerts, it helps system administrators proactively maintain system availability, reliability and performance.

- CA Network and Systems Management System Monitoring Option for OpenVMS** helps you proactively discover, monitor and display the health and availability of critical OpenVMS systems and the application log files residing on those systems. It enables CA Network and System Management to monitor OpenVMS resource usage against user-defined thresholds and is designed to generate policy-based alerts before the problems impact your business.

Product Strategy

As management software experts, CA recognizes that OpenVMS management does not exist in isolation. It is part of an overall IT infrastructure that covers many disciplines. Enterprise IT Management (EITM™) is CA's vision for unifying and simplifying management of IT across the enterprise.

As part of CA's strategy of simplifying management and reducing complexity, CA provides several key management solutions to manage your enterprise wide OpenVMS systems in standalone as well as heterogeneous environments. For simplicity, these management solutions can be deployed as standalone solutions. Yet, with the built-in integration, these solutions become an integral part of a unified suite of management solutions for the heterogeneous enterprise.

A typical OpenVMS environment requires basic management from an OpenVMS management station because of its high availability and security. On the other hand, in heterogeneous multi-platform environments OpenVMS systems are yet another component

of the IT infrastructure and, hence, need to be centrally managed along with other platforms.

Both scenarios are readily found throughout the OpenVMS customer base and CA provides solutions that easily adapt to both the scenarios.

Current Release Status

The following table lists the current Generally Available (GA) releases of the systems management products.

CA Console Management for OpenVMS

Release Number: 3.0 0203

Targeted End of Support: None

CA Console Management for OpenVMS I64

Release Number: r3 0412

Targeted End of Support: None

CA Job Management for OpenVMS

Release Number: 3.0 0307

Targeted End of Support: None

CA Job Management for OpenVMS I64

Release Number: r3 0506

Targeted End of Support: None

CA Performance Management for OpenVMS (OpenVMS Alpha)

Release Number: r3.1 0000

Targeted End of Support: None

CA Performance Management for OpenVMS I64

Release Number: r3.1 0000

Targeted End of Support: None

CA System Watchdog for OpenVMS

Release Number: r2.4 SP3 0511

Targeted End of Support: None

CA System Watchdog for OpenVMS I64

Release Number: r2.5 0706

Targeted End of Support: None

CA Unicenter Network and Systems Management System Monitoring Option for OpenVMS

Release Number: 3.0 0000

Targeted End of Support: None

CA Unicenter Network and Systems Management System Monitoring Option for OpenVMS I64

Release Number: r3.1 0000

Targeted End of Support: None

For details on CA's OpenVMS management solutions, please visit: <http://ca.com> .

Please note that the following products either have been stabilized or end of support has been announced, as noted below:

- CA Performance Management for OpenVMS (OpenVMS Alpha) r2.4 SP3 0503 (support scheduled to be discontinued September, 2009)
- CA Performance Management for OpenVMS I64 r3 (support scheduled to be discontinued September, 2009)
- CA Performance Management for OpenVMS (OpenVMS VAX) r2.4 SP3 0503 (Stabilized August 20, 2008)

Next Releases

The following table shows the schedules for the currently planned new releases:

CA Network and Systems Management System Monitoring Option for OpenVMS (OpenVMS Alpha and OpenVMS I64)

Release Number: 3.2

Target Beta: Calendar Year 2008

Target GA: Calendar Year 2009

CA Console Management for OpenVMS (OpenVMS Alpha and OpenVMS I64)

Release Number: r4

Target Beta: Calendar Year 2009

Target GA: Calendar Year 2009

Planned New Features/Functionality in the Future

Each new feature or functionality included in future releases is subject to change based on a number of factors, including but not limited to internal and external beta testing, development plan changes, and feedback from customers and users. Accordingly, the product may have different features and/or functionality than stated in this Roadmap.

Currently Planned New Features/Functionality for Calendar Year 2009:

The new product releases on OpenVMS are planned to include support of Internet Protocol version 6 (IPv6). In some cases, significant product enhancements will also be done while providing IPv6 support.

Common to all the new releases with planned IPv6 support are:

- Support for IPv6 in a dual-stack environment with IPv4
- Interoperability with each product on HP OpenVMS I64, OpenVMS Alpha and OpenVMS VAX

Planned highlights of the new CA Network and Systems Management Systems Monitoring for OpenVMS r3.2 service release are:

- Support for managed object scoping using DSM object granularity for OpenVMS agent objects
- Back-port to Alpha of features provided in I64 r3.1:
 - Support for Heterogeneous Services control, enabling CA NSM System Administrators for multiple heterogeneous platforms to control starting and stopping of the Agents and Services on OpenVMS I64 systems
 - Expanded Agent configuration support, enabling CA NSM System Administrators for multiple heterogeneous platforms to load and save configuration information from the OpenVMS Alpha and OpenVMS I64 Agents
 - Performance and reliability improvements to the Agent Common Services

Based on the customer feedback, several new enhancements are planned in release r4 of CA Console Management for OpenVMS which will simultaneously be delivered on OpenVMS and OpenVMS I64. Notable among the planned enhancements are:

- The use of SSH to provide secure console communications
- Support for significantly large number of console connections
- Automated console log merge to the already state-of-the-art automatic fail-over and load sharing features
- LAN Console direct access/terminal server login
- Updated scan profiles

- Support for Internet Protocol version 6 (IPv6)

Product Direction

Geographically dispersed enterprises and heterogeneous systems make it increasingly difficult for system administrators to keep up with day-to-day system problems. Manually monitoring individual systems and their resource availability is costly and time consuming. Instead of reacting to problems as they occur, the key to successful operations requires consolidation of administration, proactive management, automated monitoring, optimizing resources, notification when a significant event occurs, and immediate remedial actions before business is affected.

As a leading vendor of OpenVMS management solutions, CA is committed to this customer base and will continue to provide solutions to manage OpenVMS in homogeneous and multi-platform enterprises. As customers add new HP Integrity servers into the OpenVMS environment, CA is adding key new features and keeping them current with the latest OpenVMS releases.

CA will continue to support OpenVMS management solutions on VAX, Alpha and HP Integrity server platforms. Product enhancements and new features are primarily driven by customer demands. CA will continue to support and certify OpenVMS management products on VAX and Alpha, typically making them available on HP supported OpenVMS releases.

CA recognizes that OpenVMS customers, over the years, have made significant investments in data collection, analysis, training, and customized scripts. Because of this a key strategy is providing upward compatibility in our new product releases.

In tune with the industry requirements and IT compliance needs, CA will also continue to enhance security and disaster-tolerance in management applications.

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