

Creanord introduces the release of EchoVault™ 4.9.0

Antwerp / Breda / Le Vésinet / Munich – march 05, 2011—Tucana’s partner Creanord introduces the release of EchoVault™ 4.9.0

The release of EchoVault™ 4.9.0 brings many important enhancements and innovations to an already excellent platform. Everything from extended hardware capabilities to more fine-grained reporting options is addressed in this upgrade. Read on to find more about these exciting new improvements!

The image shows a screenshot of the EchoVault 4.9.0 web interface. At the top, there is a navigation menu with options like 'Home', 'Reports', 'Dashboards', 'Settings', and 'Help'. Below the menu is a large data table with multiple columns and rows. The table contains numerical data and is color-coded with green, yellow, and red cells, likely representing different performance levels or statuses. The interface also includes a search bar and various filters on the left side.

Interactive and customizable web reports

As a result of our ongoing effort to improve web reporting experience the 4.9 release takes Web Reports to new heights by introducing interactive customer dashboards as an enhancement to the EchoVault 3S Reports Add-on.

High value customers are demanding customized reporting with KPI's (Key Performance Indicator) that are imperative specifically for their business. If you start to look for a solution to answer customer SLA reporting needs when you already have the request for quotation in your table - you are too late. With EchoVault Service Providers are empowered to deliver detailed customer web reports off the shelf. Virtually any KPI can be measured and reported with flexibility that only EchoVault can offer.

Amend the web report for example with customer bulletin board and the web reports are given a whole new meaning - further committing the customer relationship.

Provisioning feedback

EchoVault 4.9 brings enhancements into provisioning feedback. You will get status information for the provisioning process in a form of an icon with matching color. There are six different states which mean that you will have accurate status for the provisioning at all stages. The Policy Status view provides you a quick way to check whether your service provisioning completed without any issues or with some warnings so you know exactly what is going on. The events during provisioning are also logged automatically in case you need to look into the details of the provisioning events later.

| EchoVault Policy Status | |
|-------------------------|---|
| — | Inactive |
| — | Active, no Agents |
| ▶ | Provisioning started |
| ✓ | Provisioning OK |
| ⚠ | Failing or no messages from some Agents |
| ⊘ | Provisioning failed with all agents |

Automatic Configuration Backups - Protecting assets that matters



EchoVault stores the configurations for MetroNID and MetroNODE units automatically. By continuously monitoring the configuration status for the devices EchoVault automatically notices changes and takes a backup from the changed configuration - reducing manual work and protecting your networking assets. Manual backup is offered as an alternative method.

In case you need to restore a backup the crucial information of the used firmware version for the device is also stored in EchoVault. Lot could go wrong if this aspect of the restoration process would not be taken into account beforehand.

Mobile Bandwidth Demand Continues to Grow

Mobile network business model was based on a linear relationship between cost and revenue in the backhaul network according the amount of voice subscribers. With the increasing mobile data traffic this equation no longer works. Revenue per bit from data services is far from what is used to be from voice services. Most Service Providers are now increasing their network capacity with Ethernet based backhaul while reducing expenditure at the same time.

Ethernet Backhaul management challenges

Raw bandwidth without proper management only partly fulfills the Service Provider goals. With the deployment of Managed Ethernet Backhaul by applying the ITU Y.1731 standard for Performance Management and automated Service Level Agreement (SLA) assurance the investment is secured - providing scalability into the management that is needed when the network expands into thousands and tens of thousands of cell sites.

Rolling out new cell sites and provisioning new services is important but equally important is the management and handling of the end-to-end SLAs and OAM data received from the networks. It's fair to say that most software based management options are not even capable of the heavy lifting required when OAM data from tens of thousands cell sites start to flood in. Some of the solutions might fall short already in the turn-up phase staggering with too many manual stages in the provisioning process causing either slowness into the deployment or even grinding it into a complete halt. What worked fine in the lab environment might prove impossible to execute in real-world dimensions with an insufficient solution.

Creanord EchoVault MAX - Scalable Ethernet Backhaul with SLA assurance

Automation is the key when deploying end-to-end SLA and OAM between thousands of sites. EchoVault MAX delivers this promise through Plug and Go Zero Touch - with the speed and accuracy that is needed when rolling out large scale Ethernet Mobile Backhauls.



EchoVault MAX provides superior performance and scalable Ethernet Backhaul networks. The solution leverages on Oracle On-chip cryptographic acceleration, Oracle VM virtualization, Oracle Real Application Cluster and Oracle Partitioning - equaling raw but intelligent performance for real-world networks.

From initial installations into large production networks with tens of thousands nodes, the EchoVault MAX provides unbeatable performance and scalability - making most of the Service Provider's Ethernet Mobile Backhaul investment.

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Tucana Telecom is a value added distributor of test, measurement and access solutions, for advanced protocol analysis and network management, in (mobile) telecommunications networks. Tucana Telecom offers indispensable support to operators and telecom OEMs, during the development phase of new products and services and during installation and management/ maintenance of the network. The staff is specialised in WiFi, WiMAX, LTE, UMTS, GPRS, GSM, SS7, V5.x, ISDN, VoIP, SDH/Sonet. The enhanced service program comprises consulting, all-in maintenance contracts, hands-on training sessions and helpdesk. The company has offices in Belgium, France, Germany and The Netherlands.

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