



## IBM Systems Lab Services & Training - Power Systems

Services for AIX, i5OS, and Linux on Power – PowerCare Eligible

[http://www.ibm.com/systems/services/labservices/platforms/labservices\\_power.html](http://www.ibm.com/systems/services/labservices/platforms/labservices_power.html)



### Overview:

## PowerSC - TNC Patch Management Workshop

The Sony PlayStation Network Security Breach of April 2011 serves as an example of the importance of ensuring that all your virtual machines are properly patched. Trusted Network Connect & Patch Management (TNC) of PowerSC is a new solution designed to prevent your company from experiencing the type of breach that Sony experienced in 2011 by ensuring the end-point integrity of the AIX partitions that are active on your network. TNC enables administrators to securely and easily manage the AIX updates by providing tools to verify the service pack and patch levels of all your AIX systems and generate reports on the partitions that are down level or not compliant. Using NIM and SUMA, TNC also provides capabilities for downloading and installing these updates from your existing NIM server to your NIM clients.

- Provide presentations to help customer staff quickly understand TNC
- Demonstrate how TNC can provide reduced operational expense
- Provide planning for Production deployment
- Deploy a running PoC via installation and configuration of TNC Patch Manager, TNC Server, and TNC clients
- Learn how TNC detects and verifies completely new LPARs or partitions that have missed a patch window due to migration or hibernation
- Learn how TNC can help you prioritize security patches based on CVE numbers and CVE severity ratings
- Demonstrate how TNC provides reduced response time to CVE remediation

### WHO benefits from this workshop and WHY?

- Customers with limited or no experience with TNC
- Customers wanting to properly patch AIX systems to prevent security breaches
- Customers wanting a solution to verify AIX service pack and patch levels
- Customers wanting a PoC installation of TNC in a sandbox environment before deploying TNC to their production environment

### Duration

- 1-2 days on-site

### Phase 1 – Preparation (remote):

Conference calls are held prior to the service to validate the scope, agenda, schedule and required materials.

- Client provides overview of their current AIX identity management
- IBM team prepares the service agenda/schedule
- Identify required materials / Finalize key players

### Phase 2 – TNC Workshop (on-site):

#### Installation and configuration of TNC Patch Manager (TNCPM)

##### Example Tasks

- Learn how to securely configure the TNCPM using an http proxy
- Learn how to install and configure the TNC patch manager
- Learn how TNC can be used to deploy service packs, Security, Hiper, PE, and Enhancement APARs

**Deliverables** – Step-by-step TNC pre-install document, Understanding TNC Presentation,

#### Installation and configuration of TNC Server and Clients

##### Example Tasks

- Learn how to set TNC patch policies for different sets of AIX partitions
- Verify the AIX level for a set of AIX TNC Clients
- Install actual patches on AIX TNC Clients
- Install service packs on AIX TNC Clients
- Learn how to install a multi-TNC server configuration
- Learn about the different TNC email reporting options that are available

**Deliverables** – Step-by-step TNC install and configuration documents, TNC Workshop Slides

### TNC Demo

#### Example tasks

- At conclusion of the service, provide customer staff a demo of TNC
- Provide a general Q&A session

**Terms and Conditions:** Actual Tasks, Deliverables, Service Estimates, and travel requirements vary with each client's environment. When we have reached a final agreement on the scope of your initiative and our level of assistance, a formal document describing our proposed work effort, costs, etc, will be presented for your approval and signature.