



## RHEL Security Assessment

### Overview:

As detailed in the Ponemon Institute's survey, "2015 Cost of Data Breach Study", the average cost of a computer breach at a large company globally was \$3.79 million. For U.S.-based companies, the average cost was much higher, 6.5 million. These costs have risen globally 23% since 2013. In the "2014 Global Report on the Cost of Cyber Crime", the Ponemon Institute, a security research center, recommends that deployment of security intelligence systems and maintaining a strong security posture makes a difference and moderates the cost of cyber attacks.

IBM Lab Services is providing the following services to help you reduce your security risk and improve the security of your information assets. These services are being provided to help you deploy the type of security intelligence systems and achieve the strong security posture recommended by the Ponemon Institute.

The RHEL Security Assessment's goal is to identify effective security controls for your company to utilize which will significantly reduce your security risk.

This service is designed for IBM Power Systems customers. The security controls have been recommended for Red Hat Enterprise Linux by the United States NSA Information Assurance Directorate. The controls are primarily based on Red Hat and security community consensus-based recommendations.

### Client Benefits

- Helps achieve regulatory compliance, such PCI, HIPAA, etc
- Helps improve RHEL security configurations and lower risk
- Helps promote the adoption of the latest RHEL security solutions
- Provides a baseline for defining standard RHEL image builds
- Learn of hundreds of security controls to reduce security risk

### Duration

- **Time varies depending on scope requested: 1-3 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 RHEL security environment
  - IBM team prepares the service agenda/schedule
  - IBM team details security data collection process
  - IBM team provides customer security questionnaire
  - Identify required materials / Finalize key players

### Phase 2 – RHEL Security Assessment (on-site):

#### Assessment Phase

- Partition data is collected
- Data is processed and assessment documents are created

#### Review Phase

- Consultant holds a review of the results of the assessment with key customer staff
- Additional presentations may be provided on recommended security solutions

**Deliverables** – Detailed RHEL Security Assessment Findings document, Heat Map, Executive Summary

### References:

NSA RHEL Guidelines

[https://www.nsa.gov/ia/mitigation\\_guidance/security\\_configuration\\_guides/operating\\_systems.shtml](https://www.nsa.gov/ia/mitigation_guidance/security_configuration_guides/operating_systems.shtml)

**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.