

UBI automates enterprise-wide security enforcement

Having around 20,000 user desktops across its various branches in India, Union Bank of India (UBI) faced a major challenge of enforcing security policies and compliance procedures. Also, patching or updating each machine required a lot of time and effort and affected employee productivity while making systems inefficient. Anti-virus or security solutions on many machines would not be updated regularly. This led to virus and malware

infections thereby causing machine downtime and affecting the network performance during banking hours.

To overcome this challenge, the bank partnered with HCL, and deployed Cisco's Network Admission Control (NAC) solution, a patching solution by BigFix and an anti-virus solution from Trend Micro. The three solutions work in combination. The NAC authenticates every end point by checking if it meets the defined compliance norms. If unauthenticated, the NAC allows restricted access to that particular end point until its policies are updated to match the authorization criteria. With the patching solution, anti-virus pattern files and critical patches can be updated across the network automatically or manually.

HIGHLIGHTS

- 20,000 end points across all the branches managed through a central location
- Improved IT security policy enforcement with NAC and enterprise-wide anti-virus deployment

The patching solution can also download updates from Trend Micro's server directly and update all the systems automatically.

Today, applications across end points are not only updated regularly with minimum human intervention, but also with lower bandwidth consumption. With the implementation, the bank can manage security policies across 20,000 of its machines from a central location, a first for any public sector bank in India. ■

SNAPSHOT

Company: Union Bank of India
Project: Enterprise-wide IT security management
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