



Security Products

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To help you manage today's complicated networks—including intranets, extranets, the Internet, wired and wireless networks—Novell believes you need what it is delivering—Net services software. Net services software simplifies the complexities of managing multiple networks, eliminating the boundaries between networks and creating a one Net environment. Net services software also allows you to transform your brick-and-mortar company into an e-business success. For example, Net services software enables you to extend applications to your company's partners or to integrate your company's network with its partners' networks. (For more information about Net services software, visit <http://www.novell.com>.)

Of course, a key part of any e-business transformation is security. If you cannot protect your company's information and resources from unauthorized access, you cannot implement new business strategies by opening up your company's network to customers, partners, or employees.

To help you protect your company's network and take advantage of e-business opportunities, Novell and its partners provide a variety of security solutions. Whether you need a secure method for managing a server console, a way to monitor or analyze Novell Directory Services (NDS) activity, a certificate solution, or an NDS-enabled firewall, you are sure to find a solution to meet your company's unique requirements.

SECURE REMOTE CONSOLE 3.0

Secure Remote Console 3.0 from AdRem Software secures remote access to a server console and allows you to restrict users' access to the server console by server or by user. You can also grant users limited access to the server console. For example, you can grant a workgroup administrator rights to use specific commands at the server console or to view certain screens.

You can use Novell's NetWare Administrator (NWADMIN) utility or AdRem's Access Control Administration to grant selected users access to the server console. Secure Remote Console 3.0 then stores these access privileges in NDS.

When a user who has authenticated to NDS requests access to a server console, Secure Remote Console checks NDS to verify if that user has been granted rights to the server console. If the user has these rights, he or she can access the console. The user does not have to log in to the server console separately.

To secure remote access to a server console, Secure Remote Console uses 128-bit encryption. In addition, Secure

Remote Console supports NetWare 5 and 4 and both IPX and TCP/IP.

For more information about Secure Remote Console, visit <http://www.adremsoft.com>. You can also call +48 (12) 423 16 31 (Poland).

SECURELOGIN

SecureLogin from Protocom Development Systems provides single sign-on to multiple platforms, including NetWare 5, 4, and 3; Windows 2000; Windows NT Server 4; Solaris 2.6 and above; Linux; and OS/390. In addition, SecureLogin supports web-based applications, enabling users to store Internet login information in NDS.

For example, SecureLogin integrates with a user's browser and becomes active when that user accesses a web site requiring login information. The user simply registers the web page with SecureLogin, and after the user verifies account information, SecureLogin stores this information in NDS. The next time the user accesses this web site, SecureLogin requests the username and password from NDS and uses this information to log in to the web site.

For Windows applications, SecureLogin includes the WinScript Windows Single Sign-On Wizard. This wizard helps users complete the process of registering a Windows application with SecureLogin. After the user completes the simple steps outlined by the wizard, SecureLogin encrypts the login information and saves it in NDS. Because the login information is saved in NDS, SecureLogin can access the information no matter where users log in to the network.

SecureLogin supports personal login scripts for users. If you enable personal login scripts, users can use a system tray utility to edit their personal usernames and passwords in NDS. They can also mark their login scripts as private to prevent you or other network administrators from viewing their login information.

In addition to supporting traditional username and password authentication schemes, SecureLogin supports login factors such as smart card and authentication tokens. Protocom also plans to support Novell Modular Authentication Service (NMAS), which supports login factors such as biometrics.

For more information about SecureLogin, visit <http://www.serversystems.com>. In the United States and Canada, you can also call 1-800-581-3502. In Australia, call +61 2 6208 4888; in the United Kingdom, call +44 1454 777 654.

KANE SECURITY ANALYST 4.61 FOR NETWORK

Kane Security Analyst (KSA) 4.61 for NetWare from Intrusion.com Inc. is a security assessment tool that audits the security of six critical areas on your company's network: account restrictions, password strength, access control, system monitoring, data integrity, and data confidentiality. For example, KSA 4.61 identifies easily guessed passwords, reviews the security of all NDS objects, identifies supervisor "trap doors," identifies who can read sensitive printed documents, checks for login violations, identifies the security risks of container objects, scans effective rights, and notifies you if unauthorized users can gain excessive access without logging in to your company's network.



You can configure KSA 4.61 to run security assessment reports daily, weekly, or monthly. You can then print the report and determine if users are complying with your company's security policies.

KSA 4.61 supports NetWare 5, 4, and 3. In addition, Intrusion.com offers a version to audit Windows NT.

If you want to evaluate KSA, you can download it from <http://www.intrusion.com>. For more information about KSA, visit <http://www.intrusion.com>. You can also call 1-972-664-8090.

AUDITWARE 1.3 FOR NDS

AuditWare 1.3 for NDS from Computer Associates International Inc. is a reporting and security tool for analyzing NDS trees. AuditWare 1.3 includes predefined compliance reports that compare NDS objects to recommended NDS security settings. For example, AuditWare 1.3 analyzes container objects for security holes, identifies objects that have excessive rights, and identifies users who have supervisor privileges but do not meet minimum password requirements. AuditWare 1.3 also provides a security summary of the entire NDS tree.

To help you analyze the security of your company's NDS tree, AuditWare 1.3 includes the Object Rights Expert. As the name suggests, the Object Rights Expert helps you determine who has access privileges and how these access privileges were granted.

AuditWare 1.3 also includes the Assistant, which provides reference materials for helping you manage and analyze your company's NDS tree. For example, the Assistant includes white papers, tips, and *Novell AppNotes*.

In addition to identifying security problems in NDS trees, AuditWare 1.3 provides information about servers and volumes. AuditWare 1.3 reports information such as volume restrictions, disk space usage by user, and NetWare Loadable Modules (NLMs) running on the server.

For more information about AuditWare 1.3, visit http://www.ca.com/auditware_nds.htm. You can also call 1-800-225-5224 or 1-631-342-5224.

DIRECTORYALERT 2.5

DirectoryAlert 2.5 from NetVision notifies you when NDS security violations occur. For more information about DirectoryAlert 2.5, see the related article on page 38.

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NOVELL PRODUCTS

Novell offers a number of products for securing your company's network. Of course, NDS eDirectory serves as a secure foundation for any network, providing both security and manageability. (For more information about NDS eDirectory, see the related article on p. 6.) In addition, Novell offers the following products:

- **NMAS 1.0.** With NMAS client-server software, you can deploy login methods based on any type of login factor or combination of login factors. That is, users can use smart cards, tokens, or even biometrics to log in the network. NMAS supports third-party login factors such as the following:
 - ActiveCard Module for NMAS from ActiveCard Inc.
 - Identicator BioLogon Module for NMAS from Identicator Technology
 - RSA ACE/Agent for NMAS from RSA Security Inc.
 - Secure Authentication Facility (SAF) Module for NMAS from SAFLINK.
 - VASCO Digipass Module for NMAS

from VASCO Data Security Inc.

For more information about NMAS, visit <http://www.novell.com/products/nmas>.

- **Novell Certificate Server 2.0.** Bundled with NetWare 5.1 and integrated with NDS eDirectory, Novell Certificate Server 2.0 mints digital certificates that comply with the X.509 v3 certificate standard. Servers and users then use these certificates to secure communications over the Internet. For more information about Novell Certificate Server 2.0, visit <http://www.novell.com/products/certserver>.
- **Novell FireWALL for NT.** Designed for medium- and small-sized companies, Novell FireWALL for NT is a firewall that combines policy-based security management, traffic management, and NDS integration. With Novell FireWALL for NT, you can filter network traffic by users, groups, IP addresses, time of day, and more. As the name suggests, Novell FireWALL runs on Windows NT 4.0 with Service Pack 3 or above. For more information, visit <http://www.novell.com/products/ntfirewalls>.

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- **BorderManager Enterprise Edition 3.5.** BorderManager provides directory-based network services that centrally manage, secure, and accelerate users' access to information at every network border. BorderManager enables you to secure your company's Internet border or to implement mini-firewalls at departmental borders. For more information about BorderManager, visit <http://www.novell.com/bordermanager>.
- **Novell Single Sign-On.** With Novell Single Sign-On, users can authenticate to NDS and then access secure applications without entering multiple passwords. For more information about Novell Single Sign-On, visit <http://www.novell.com/products/sso>.

CONCLUSION

This article lists only a few of the many security products available. To find more products, you may want to find out which products have been Novell Yes, Tested and Approved by visiting <http://developer.novell.com>. ●

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