



Tech Alert

from the **Customer Delivery Division**
"Your Gateway to Technology Services"

TA 15-12: Telnet and FTP Encryption

ATTENTION: All Telnet (TN3270) and FTP Customers

ACTION REQUESTED: Test and validate encrypted access to customer applications

DUE DATE: October 1, 2015

Introduction:

As part of the Department of Technology's Security Enhancement Project, all existing Telnet (TN3270) and FTP services will be migrated to secure/encrypted versions. This project is part of the strategic goal to mitigate potential threats and reduce risks to OTech hosted services, including all z/OS and mid-range server platforms.

Features and Benefits:

Encrypting text file transfers and terminal sessions will mitigate the threat of compromised credentials and other information on servers, mainframes, WAN, LAN, and Internet. Services are being migrated to secure encrypted versions to address the following critical vulnerabilities:

- Clear-text transmission
- Client authentication
- "Man in the Middle" attackers that impersonate the server

Requested Action:

By May 18, 2015 encryption will be enabled. Customers should begin testing access and migrate to encrypted sessions. During the transition period (May 18-October 1), clear-text and encrypted connections will be honored. After October 1, unsecure connections will NOT be honored and clear-text connections will fail; causing potential disruption and impact to production applications and/or services.

When:

By October 1, 2015, customers must migrate all Telnet (TN3270) and FTP sessions to encrypted versions for all processes, applications, and end user sessions. Specific change dates for z/OS mainframe systems will be released via an OTech Service Desk Bulletin.

Contact:

If you have questions or need further clarification, please contact your Department of Technology Account Lead by using the [Account Lead Lookup](#), or call the Customer Delivery Division at (916) 431-5476.