MACRO|4
A Division of UNICOM®Global

Tubes provides a single point of secure and controlled access to applications running on VSE^n and z/VM mainframe systems

Simplified session management
Secure, flexible and user-friendly multi-session management for VSE^n and z/VM systems

Tubes provides users with access to applications running on VSE^n and z/VM mainframe operating systems. Through its simplified and automated application sign-on process, Tubes provides more flexible access to applications and offers the following additional benefits:

- Increased system accessibility and control through comprehensive user, profile and application security functions

- Simplified and user-friendly access to business applications through the use of automated features and functions that remove the need for complex system commands

- Significantly reduced network traffic through compression of inbound and outbound data streams

- Enhanced application look and feel with data sharing and exchange between different applications

- Improved helpdesk efficiency through powerful facilities for diagnosing problems more quickly

- Enhanced training and demonstration capabilities through the replication of one screen image onto a number of other terminals

- Increased flexibility of communication that can be targeted at a specific user, user-groups or all users

Session management

Tubes is a leading session management solution that provides users with secure, flexible, user-friendly and responsive access to applications running on IBM mainframe systems.

Through its simplified and automated sign-on process, Tubes eliminates the need for users to enter complex and obscure commands to access the applications that they need to use.

Tubes maintains a 'logical' terminal in the context of the end-user and the application. This allows multiple sessions to be simultaneously active for the same application. End-users can then switch easily from one application session to another, with no loss of context, providing enhanced user efficiency and productivity.

Tubes also provides flexible communication, helpdesk and training functions to assist with day-to-day operations.

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Automated and integrated signon and security

Improved system throughput and reduced network traffic

Enhanced communication with end-users for system and application management requirements

Secure Tubes access

Access to Tubes can be secured by terminal and password; access to individual Tubes systems can even be secured by userid alone. Tubes can also be secured to prevent access from unattended terminals.

Tubes has its own security system that stores details in a VSAM file.

Secure application access

Tubes user authority and capability can be defined at a granular level, this allows you to restrict system and application features, functions and commands to specific users.

Access to individual applications can be secured. Additionally, user menus and sub-menus can be dynamically built, providing users with a restricted list of available applications.

User management

The larger the installation, the greater the number of users, and hence the bigger the challenge in managing the constant flow of user profile creation, updates and deletion.

Tubes offers comprehensive user management facilities that enable scripts to be generated to aid the creation and deletion of user profiles.

Automated application access

Tubes will allow up to 9999 sessions to be accessed concurrently from one physical terminal. The powerful Tubes Panel and Script Language can be used to automate processes including application signon.

Application builder and data exchange

Tubes can breathe new life into your existing applications, streamlining data presentation and also presenting end users with a new and improved look and feel that can lead to productivity improvements.

Tubes allows different applications to share and exchange data. Output from one or more sessions can be collected selectively and displayed on user-defined panels, in effect creating a new application. Alternatively, the information collected may be used as input to other sessions, regardless of the fact that there is no direct connection between the two application sessions.

Several Tubes sessions can be displayed simultaneously on one physical terminal, without incurring additional PC/workstation costs.

Data stream compression

The Tubes Network Data Minimizer, 'MISER', compresses both inbound and outbound data streams by transmitting only changes that have been made to the data. This significantly decreases network traffic, which eliminates bottleneck problems and improves system response times.

Helpdesk and training facilities

Tubes provides helpdesk and training facilities that are designed to ease end user interaction by:

- Controlling input and output screen displays at one terminal, automatically rendering the same screen images on a number of other terminals. This is particularly useful when conducting training or demonstrating system features to an authorized group of users.
- Allowing authorized users, such as Network Controllers and Technical Support staff to simultaneously view the screen contents displayed at the terminal of other Tubes users, in real time. This is especially useful when end users and support staff are geographically dispersed.
- Providing flexible messaging facilities that allow you to communicate immediately with some or all of your users.

Please contact us for more information:

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