**Transition from VM to VDI: Access Setup and Configuration Guide**

**Document Purpose**

This guide aims to help team members transition from VM to VDI, outlining the steps for requesting a VDI, configuring the environment, installing necessary software, cloning essential repositories, and setting up key bookmarks. This will ensure a seamless and consistent setup across the team.

**1. Requesting VDI Access**

To request a VDI, follow these steps:

1. **Login to ServiceNow**: Access the ServiceNow portal using your company credentials.
2. **Navigate to VDI Request Form**:
   * Go to the "Request Services" section.
   * Search for the "Virtual Desktop Infrastructure (VDI) Request" form.
3. **Fill Out Required Information**:
   * **Reason for Request**: Briefly explain why you need VDI access

**2. VDI Configuration Details**

Upon receiving your VDI, ensure it meets the following configuration standards:

* **Operating System**: Windows 10 Enterprise / Windows Server (depending on VDI specification)
* **RAM**: Minimum of 8 GB (16 GB recommended for performance)
* **Storage**: Minimum of 256 GB
* **Processor**: Virtual CPU with at least 2 cores

**3. Software Installation Requirements**

**Core Software List : Core software list either can be installed from Software Center or Can be requested using Chat-IT in Teams app.**

1. **Java**:
   * **Version**: Install the recommended Java Development Kit (JDK) version (e.g., JDK 21).
2. **Notepad++**:
   * **Purpose**: Text editor for quick edits and configuration file adjustments.
3. **Git**:
   * **Version**: Latest stable version.
   * **Purpose**: For cloning and managing repositories.
4. **Other Required Tools** (to be requested through ServiceNow or Teams ChatIT):
   * Visual Studio Code / IntelliJ IDEA (or preferred IDE)
   * Microsoft Office Suite
   * Browser (Google Chrome/Firefox)
   * Docker (if necessary for your projects)

**Requesting Software via ServiceNow**

1. **Login to ServiceNow**.
2. **Search for "Software Request"** form under "Request Services."
3. **Fill Out Details**:
   * Software name and version.
   * Justification for installation (e.g., "Needed for project-specific development work").
4. **Submit**: You will receive a notification once the software is approved and ready for installation.

**4. Git Repositories to Clone**

Clone the following repositories in your VDI environment:

1. **Project-Specific Repositories**:
   * **Repo Name 1**: [GitHub/Repo1](https://github.com/yourorg/repo1)
   * **Repo Name 2**: [GitHub/Repo2](https://github.com/yourorg/repo2)
2. **General Utility Repositories**:
   * **Utilities Repo**: [GitHub/Utilities](https://github.com/yourorg/utilities)

For each repository:

* Open Git Bash or a command prompt.
* Use the git clone <repository\_url> command to download the repository.

**5. Bookmark Setup**

Add the following bookmarks in your browser for easy access:

1. **Client Tools**:
   * ServiceNow: <https://servicenow.company.com>
   * Project Management Tool (e.g., Jira): <https://jira.company.com>
2. **Repositories and Code Review**:
   * GitHub: <https://github.com/yourorg>
   * Code Review Platform (e.g., Gerrit): <https://codereview.company.com>
3. **Documentation and Knowledge Base**:
   * Confluence: <https://confluence.company.com>
   * Company Wiki: <https://wiki.company.com>

**6. Additional Environment Setup**

1. **Java Version**:
   * Ensure the installed Java version aligns with project requirements (e.g., Java 11).
   * **Set JAVA\_HOME** environment variable:
     + Access System Properties > Environment Variables.
     + Add JAVA\_HOME and set it to the JDK installation path.
2. **Network Access Configuration**:
   * Configure VPN or internal proxy settings as required for accessing client resources.

**7. Troubleshooting and Support**

* **ServiceNow Support Tickets**: For additional support or issues, submit a ticket in ServiceNow.
* **IT Help Desk**: Contact the internal help desk for assistance with configuration or access issues.