

## Tungsten Pre-Requisite Checklist

Pre-Req	Complete?
<b>Host Specific</b>	
Create OS User – Typically called <i>tungsten</i>	
Set ulimit for OS User	
Configure sudoers	
Disable SELinux	
Compile <code>/etc/hosts</code>	
Setup SSH between hosts	
Create directory for installation [ <code>/opt/continuent</code> ]	
Create directory for software package if using tar bundle [ <code>/opt/continuent/software</code> ]	
Create directory for configuration file if INI Install [ <code>/etc/tungsten</code> ]	
Check ownership of new directories set to new OS user	
Install Ruby	
Install Ruby gems : net-ssh	
Install Ruby gems : net-scp	
Install Java 8	
<b>Network Specific</b>	
Ensure Network ports open	
<b>Database Specific (All Topologies)</b>	
Ensure <code>server-id</code> unique amongst all nodes	
Increase Open Files limits	
Ensure <code>bin-logging</code> enabled for cluster nodes, or source replicator nodes	
Review <code>sync_binlog</code> parameter	

Pre-Req	Complete?
Increase, if required, <code>max_allowed_packet</code>	
Review InnoDB settings	
Set <code>binlog_format</code> to <b>ROW</b> (Essential for Multimaster or heterogeneous deployments)	
Ensure <code>auto_increment</code> offsets adjusted for Multimaster deployments	
Create DB user with <b>FULL</b> privileges and <b>GRANT OPTION</b> – typically called <i>tungsten</i> (Used by managers and replicators)	
<b>Database Specific for Clustering Deployments</b>	
Change DB port from default (eg 13306)	
Create user with <b>FULL</b> privileges except <b>SUPER</b> , for use by connectors – typically called <i>app_user</i>	
Ensure additional application DB user accounts have <b>REPLICATION CLIENT</b> privilege (Only if connectors configured to use <b>SMARTSCALE</b> )	