Tungsten Pre-Requisite Checklist

Pre-Req	Complete?
Host Specific	
Create OS User – Typically called `tungsten`	
Set ulimit for OS User	
Configure sudoers	
Disable SELinux	
Compile `/etc/hosts`	
Setup SSH between hosts	
Create directory for installation [`/opt/continuent`]	
Create directory for software package if using tar bundle [`/opt/continuent/software`]	
Create directory for configuration file if INI Install [`/etc/tungsten`]	
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	
Network Specific	
Ensure Network ports open	
Database Specific (All Topologies)	
Ensure `server-id` unique amongst all nodes	
Increase Open Files limits	
Ensure `bin-logging` enabled for cluster nodes, or source replicator nodes	
Review sync_binlog parameter	

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