# Parallels Management Console to Parallels Virtual Automation comparison

The table below describes comparison between Parallels Management Console from Parallels Server Bare Metal 5.0 and Parallels Virtual Automation 4.6.
For easier reading, implemented features are marked with Green Background.

| Feature | Parallels Virtual Automation 4.6 | Parallels Management Console 5 |
|---|---|---|
| 1. User Interface | | |
| 1.1. Web-based management interface | + | - |
| 1.2. Desktop-based management interface | - | + |
| 1.3. Cross-platform utility | + | + |
| 1.4. Does not require separate software installation | + | - |
| 1.5. Does not require manual setup of managed objects from console to console | + | - |
| 2. Management | | |
| 2.1. Centralized view of managed infrastructure in dashboards | + (PSBM, PVC Win, PVC Lin nodes) | + (Only PSBM nodes) |
| 2.2. Managing VMs | + | + |
| 2.3. VMs creation | + | + |
| 2.4. VMs cloning | + | + |
| 2.5. VM power operations | + | + |
| 2.6. Deploying VM from template | + | + |
| 2.7. VM snapshots management | - | + |
| 2.8. VM backups management | + | + |
| 2.9. Managing Containers | + | - |
| 2.10. Virtual networks managing | + | + |
| 2.11. VMs migration between nodes | + | + |
| 2.12. Containers migration between nodes | + | - |
| 2.13. User self-management tool | + | - |
| 2.14. VM console with guest OS screen | + | + |
| 2.15. Ability to create logical grouping/structure of managed objects | + | - |
| 2.16. Delegate control over new added objects in managed containers | + | - |
| 2.17. Check containers for latest software updates, status indicators and hyperlinks | + | - |
| 2.18. Mass-management: Apply operations on multiple VMs and Containers simultaneously | + (Across multiple servers) | - |
| 3. User Access and Control | | |
| 3.1. Customize user permission and access based on job role | + | - |

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|---|---|---|
| 3.2. Authenticate users across security databases (Internal database, Active Directory, LDAP-compliant databases integration) | + | - |
| 3.3. Multi-user access and control | + (Different level of access and permissions) | + (Administrator rights required to access server, user can have access rights for selected VMs) |
| 4. Monitoring and Alerting | | |
| 4.1. Dashboard view of alerts and monitoring of system resource usage by multiple VMs and containers | + | - |
| 4.2. Current resources usage graphs | + | + |
| 4.3. Historical resources usage graphs | + | - |
| 4.4. Tasks logging and audit | + | - |
| 5. Templates and Configuration Files (Samples) | | |
| 5.1. VM templates creation and managing | + | + |
| 5.2. Templates across multiple servers are centrally consolidated and listed for mass deployment and management | + | - |
| 5.3. Centrally manage configuration files across all managed nodes | + | - |
| 6. Workflow Management | | |
| 6.1. Define processes for user self-service management (Example: Create a storefront for users to request new server and applications and for local administrators to fulfill requests) | + | - |
| 7. Backup Management | | |
| 7.1. Backup VMs | + | + |
| 7.2. Restore VMs | + | + |
| 7.3. Backup Containers | + | - |
| 7.4. Incremental backup | + | + |
| 7.5. Choose VMs for backup | + | - |
| 7.6. Centrally schedule and automate backup operations across servers | + | - |
| 7.7. Customize backup operations by type or compression levels | + | - |
| 8. Administration | | |
| 8.1. Centrally manage server licenses from a single location | + | - |
| 8.2. Universal ISO library for multiple servers | + | - |

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|---|---|---|
| 8.3. Manage pool of IP addresses with automatic IP allocation | + | - |
| 9. Support | | |
| 9.1. Submit a problem report from user interface | - | + |
| 9.2. Create a ticket for Parallels Support within the user interface | + | - |
| 10. Training | | |
| 10.1. Built-in video tutorials and demos | + | - |