How to Create automatic backup of Remote Application Server settings

- Parallels Remote Application Server 18.0
- Parallels Remote Application Server 18.1
- Parallels Remote Application Server 18.3
- Parallels Remote Application Server 19.1
- Parallels Remote Application Server 18.2
- Parallels Remote Application Server 19.0

Powershell Module is available in Parallels Remote Application Server 15.5.2 (16138) and above.

For Parallels RAS v18 and above

Create .ps1 in the file in the same folder with following commands:

```
$SecretPassword = ConvertTo-SecureString "YourRASPassword" -AsPlainText -Force
$Username = 'Administrator'
$Date = Get-Date -Format dd.MM.yyyy
Import-Module RASAdmin
New-RASSession -Username $Username -Password $SecretPassword
Invoke-RASExportSettings "%BackupfilesFolder%\$Date.dat2"
```

Note: This file will create a separate .dat2 file with current date as a file name.

To overwrite Backup files use the command below:

```
$SecretPassword = ConvertTo-SecureString "YourRASPassword" -AsPlainText -Force
$Username = 'Administrator'
Import-Module RASAdmin New-RASSession -Username $Username -Password $SecretPassword
Invoke-RASExportSettings "%BackupfilesFolder%\Backup.dat2"
```

Open **Windows Scheduler** and create a **New Task**

Fill all fields in **General** Tab

Open **Actions** Tab > Click **New**

Add your **.ps1** script file

Open **Triggers** Tab

Click **New**

Select schedule settings

Click **OK**

Examples for previous versions

Write backup files on specific dates:

```
$SecretPassword = ConvertTo-SecureString "YourRASPassword" -AsPlainText -Force
$Username = 'Administrator'
$Date = Get-Date -Format dd.MM.yyyy
Import-Module 'C:\Program Files (x86)\Parallels\ApplicationServer\Modules\PSAdmin\PSAdmin.dll'
New-RASSession -Username $Username -Password $SecretPassword
Invoke-ExportSettings "%BackupfilesFolder%\$Date.dat2"
```

Overwrite Backup file:

```
$SecretPassword = ConvertTo-SecureString "YourRASPassword" -AsPlainText -Force
$Username = 'Administrator'
Import-Module 'C:\Program Files (x86)\Parallels\ApplicationServer\Modules\PSAdmin\PSAdmin.dll'
New-RASSession -Username $Username -Password $SecretPassword
Invoke-ExportSettings "%BackupfilesFolder%\Backup.dat2"
```

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