Summary

This article provides a summary on how to improve performance of MachPanel Control Panel.

Applies To

This article applies to MachPanel all versions.

Improve performance of MachPanel Control Panel:

To speed up MachPanel for your new sites, please set up Application Pool for each site as follows:

• Open IIS manager and navigate to section as shown below and then select Application Pool for MachPanel site, afterwards click on "Advanced Settings" and "Recycling" one by one.

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	on Pools						🐱 🐼 🚯 🔹 🕶
File View Help							
File View Help Connections	Application This page lets you view ar pools are associated with isolation among different Filter: Name NET v2.0 NET v2.0 NET v2.0 NET v4.5 NET v4.5 NET v4.5 Classic Classic .NET AppPool DefaultAppPool	n Pools ad manage worker pro applicatio • 🐨 G Status Started Started Started Started Started Started Started Started Started	1 the list of appli- cesses, contain ns. Show A .NET Fram v2.0 v4.0 v2.0 v4.0 v2.0 v4.0 v2.0 v2.0 v2.0	2 Ation pools in the one of more applied and group by: Managed Pipel Integrated Classic Integrated Classic Classic Integrated Integrated Integrated	Identity ApplicationPoolld ApplicationPoolld ApplicationPoolld ApplicationPoolld ApplicationPoolld ApplicationPoolld ApplicationPoolld ApplicationPoolld ApplicationPoolld		ttions Add Application Pool Set Application Pool Defaults Application Pool Tasks Start: Stop Recycle Edit Application Pool Basic Settings Recycling Advanced Settings Rename Rename Remove View Applications Help Online Help
< III >	< Features View Cont	ent View	Ш		Go to Windo	ate Actio	Windows on Center to activate

 Advanced Settings: For Advanced settings change settings as shown below and click "Ok" button:

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	mel The application pool name is	the unique identifier for the	

• **Recycling:**For "Recycling" confirm settings as under and hit **Finish**:

Edit App	lication Pool Rec	ycling Settings		? X
Recycling Conditions				
Fixed Intervals Regular time intervals (in minutes): Specific time(s): Example: 8:00 PM, 12:00 AM Memory Based Maximums	Fixed	number of <u>r</u> equest	5:	
☐ <u>V</u> irtual memory usage (in KB):	Privat	e <u>m</u> emory usage (in KB):	
	Previous	Next	Einish	Activate
Edit App	lication Pool Rec	ycling Settings		? X
Event log entries can be generated when an ap Configurable recycling events: Regular time intervals Virtual memory usage Number of requests Runtime recycling events: On-demand Configuration changes Unhealthy ISAPI	Scheduled time	ycled. Select the re (s) [,] usage	cycling events to log.	
	Previous	Next	Finish	Activate Cancel

Run IIS Pool optimization settings in Configuration Studio start if needed

- 1. **What and why:Automated** above steps to optimize MachPanel website performance.
- How it works: Now, when Configuration studio will be started, it will check for "AppPoolToOptimise" key in registry. If this key found or set to "true" or "1", it assumes optimization settings are already applied, else it will apply following settings to MachPanel website's application pool:

⊿ - 퉲 MachSol	(Default)	REG_SZ	(value not set)
Configuration Studio	ab AdvancedBilling	REG_SZ	False
⊳- <mark>)</mark> MachPanel	AppPoolToOptimise	REG_SZ	1
Remote Configuration Studio	ab APSystemTimeZone	REG_SZ	Pacific Standard Time
⊵ - <u>II</u> Microsoft	autoBackupEnabled	REG_SZ	True
⊳ -⊌ Mozilla	ab) autoBackupFrequency	REG_SZ	Daily
h month org			

Changes to Web.Config:

Open Web.config in any editor (start Notepad as **Run as Administrator, File >> Open >> Locate web.config** from control panel installation directoryand make following changes, then save the file.

1: Find section similar to shown below and replace it with following:

<system.web.extensions>

<scripting>

<!-- <webServices>-->

<!-- Uncomment this line to customize maxJsonLength and add a custom converter -->

<!--

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```
<converters>
```

<add name="ConvertMe" type="Acme.SubAcme.ConvertMeTypeConverter"/>

</converters>

</jsonSerialization>

-->

<!-- Uncomment this line to enable the authentication service. Include requireSSL="true" if appropriate. -->

<!--

<authenticationService enabled="true" requireSSL = "true|false"/>

-->

<!-- Uncomment these lines to enable the profile service. To allow profile properties to be retrieved

and modified in ASP.NET AJAX Applications, you need to add each property name to the readAccessProperties and

writeAccessProperties attributes. -->

<!--

<profileService enabled="true"</pre>

readAccessProperties="propertyname1, propertyname2"

writeAccessProperties="propertyname1,propertyname2" />

-->

<!--</webServices>

-->

<scriptResourceHandlerenableCompression="true"enableCaching="true" />

</scripting>

</system.web.extensions>

2: Find modules section, add/updated highlighted after it:

<modules>

```
<removename="ScriptModule"/>
```

```
<addname="ScriptModule"preCondition="managedHandler"type="System.Web.Handlers.ScriptModule,
System.Web.Extensions, Version=3.5.0.0, Culture=neutral,
PublicKeyToken=31BF3856AD364E35"/>
```

</modules>

<staticContent>

<clientCachecontrolMaxAge ="30.00:00"cacheControlMode="UseMaxAge"/>

</staticContent>

3: Set Debug to **false** if it is true and set optimizeCompilations=True.

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<compilation debug="false" optimizeCompilations="true">

Perform an IISRESET via command prompt.

NOTE:

- Please close browser and reopen to see changes in effect.
- First load of any page is always slow compared to subsequent loads, so verify and load each page couple of times to see the difference.
- After few loads, you will see MachPanel starts to load much faster for portions of the control panel that have been accessed at least once by any customer.

MachPanel Knowledgebase <u>https://kb.machsol.com/Knowledgebase/53450/How-to-improve-performance-of-Ma...</u>