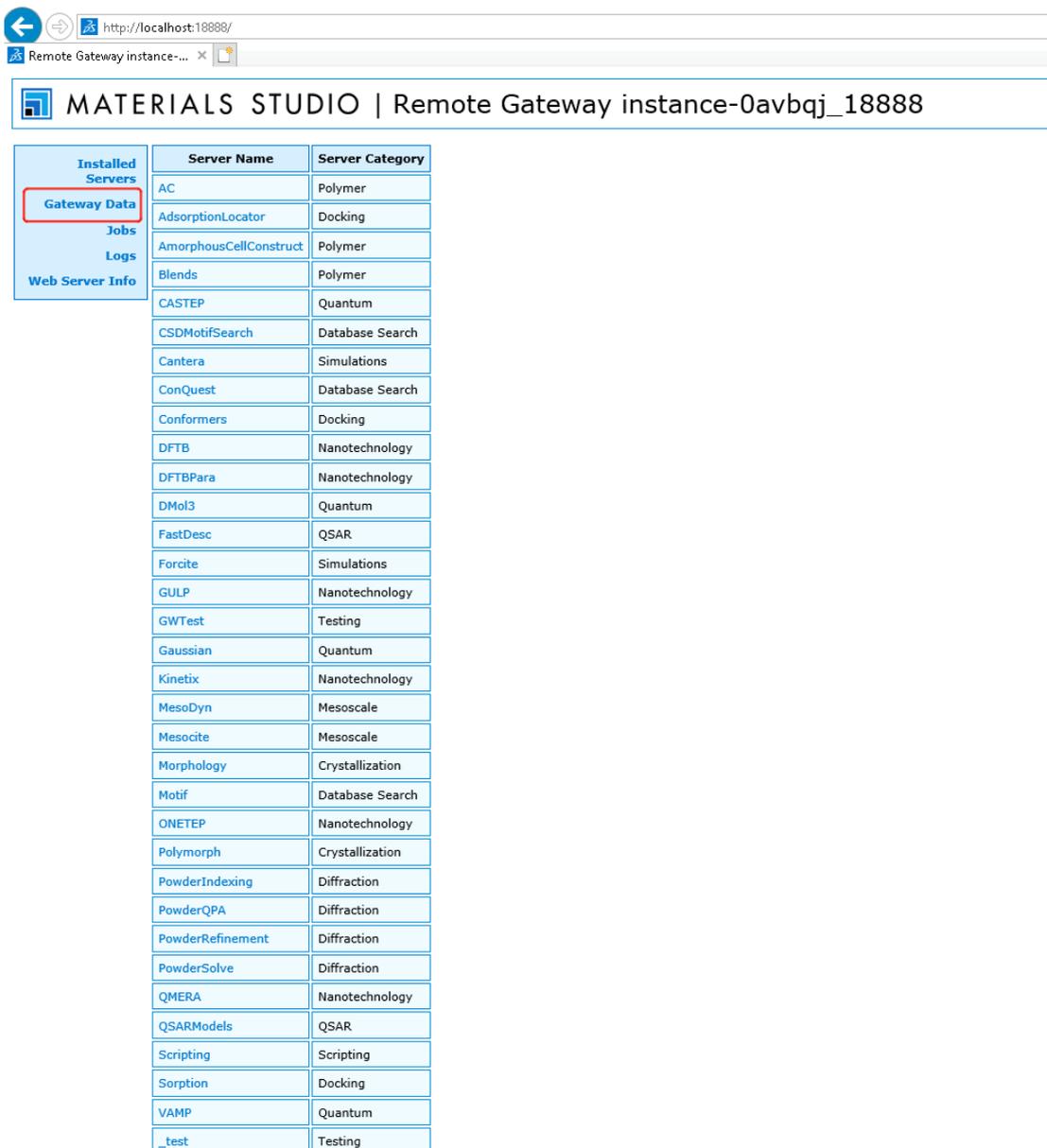


Materials Studio 修改 CPU 数量方法

1. 打开 IE 浏览器，输入 <http://localhost:18888> ，回车，出现如下界面，



Server Name	Server Category
AC	Polymer
AdsorptionLocator	Docking
AmorphousCellConstruct	Polymer
Blends	Polymer
CASTEP	Quantum
CSDMotifSearch	Database Search
Cantera	Simulations
ConQuest	Database Search
Conformers	Docking
DFTB	Nanotechnology
DFTBPara	Nanotechnology
DMol3	Quantum
FastDesc	QSAR
Forcite	Simulations
GULP	Nanotechnology
GWTest	Testing
Gaussian	Quantum
Kinetix	Nanotechnology
MesoDyn	Mesoscale
Mesocite	Mesoscale
Morphology	Crystallization
Motif	Database Search
ONETEP	Nanotechnology
Polymorph	Crystallization
PowderIndexing	Diffraction
PowderQPA	Diffraction
PowderRefinement	Diffraction
PowderSolve	Diffraction
QMERA	Nanotechnology
QSARModels	QSAR
Scripting	Scripting
Sorption	Docking
VAMP	Quantum
_test	Testing

2. 点击 Gateway Data 选项，出现如下页面

http://localhost:18888/dsd/commands/dsd_configuregw.pl?gateway=instance-0avbj_18888&file=gw-info.sbd

Remote Gateway instance-... x

MATERIALS STUDIO | Remote Gateway instance-0avbj_18888

Gateway Data	
hostname	instance-0avbj
port	18888
ipaddress	10.0.64.61
gatewayname	instance-0avbj_18888
archivejobinfo	no
version	BIOVIA Materials Studio 2020
revision	20.1.0.2728 20191018 0652
osname	Windows
osversion	Microsoft Windows Server 2019 Datacenter
mpiversion	2018.3
installedmemory	4095 MB
cpu	Intel(R) Xeon(R) Platinum 8350C CPU @ 2.60GHz 2600 MHz
corespercpu	auto
cpucorestotal	2
mpicommand	"C:\Program Files (x86)\BIOVIA\Materials Studio 20.1 x64 Server\bin\mpiexec.exe" -localonly -n
queuingssystem	[none]
jobpriority	low
licensewaitoverride	undefined

Edit

3. 点击 edit, 在弹出的窗口中, 用户名输入 gatekeeper, 密码为空, 点击 OK

Windows Security

ie explore

The server localhost is asking for your user name and password.

That server also reports: "Administration".

Warning: Your user name and password will be sent using basic authentication on a connection that isn't secure.

gatekeeper

Password

Remember my credentials

OK Cancel

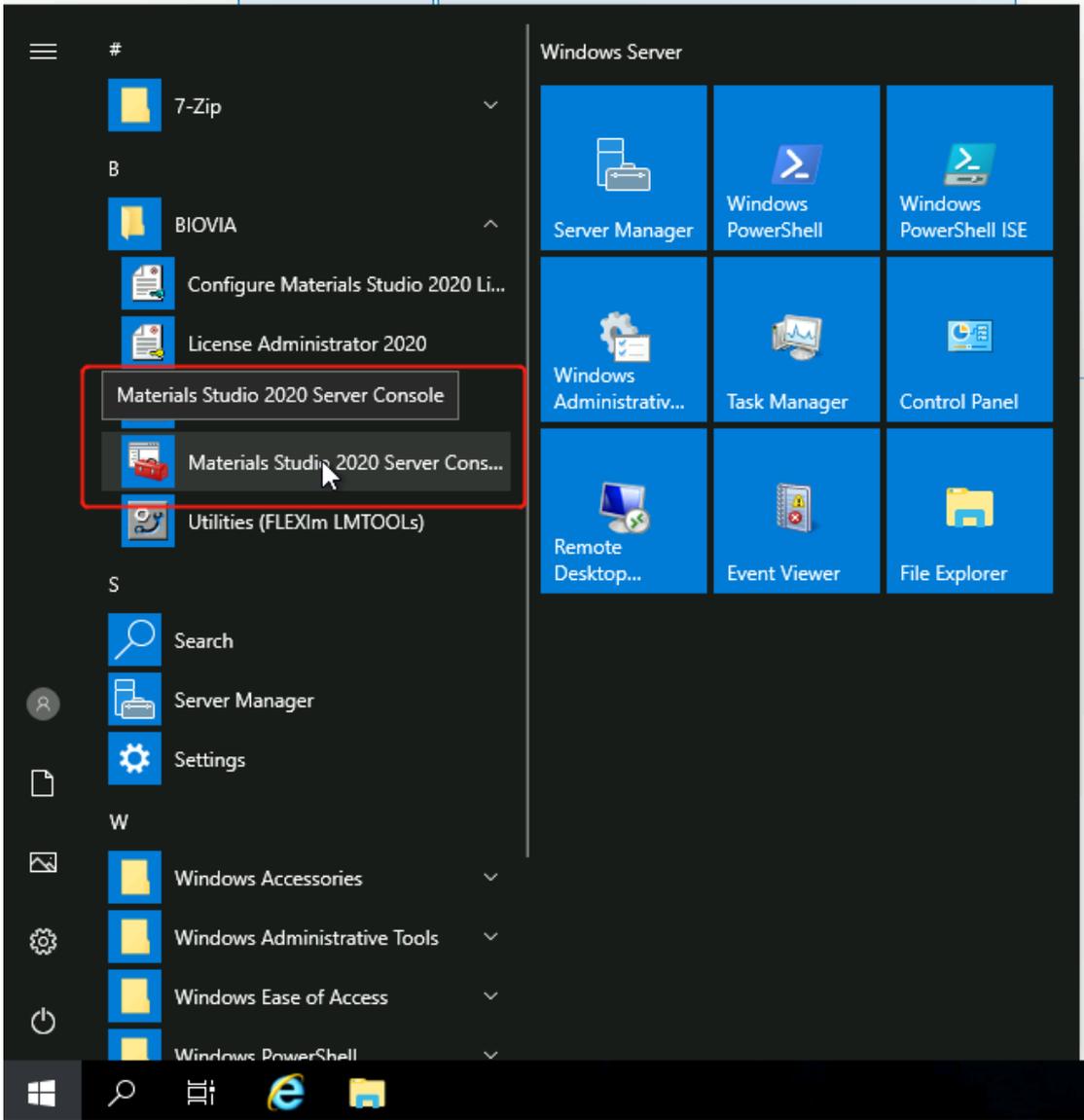
4. 修改 cpucoretotal 为当前机器的实际核数 (16 核机器则输入 16, 以此类推), 点击 save。

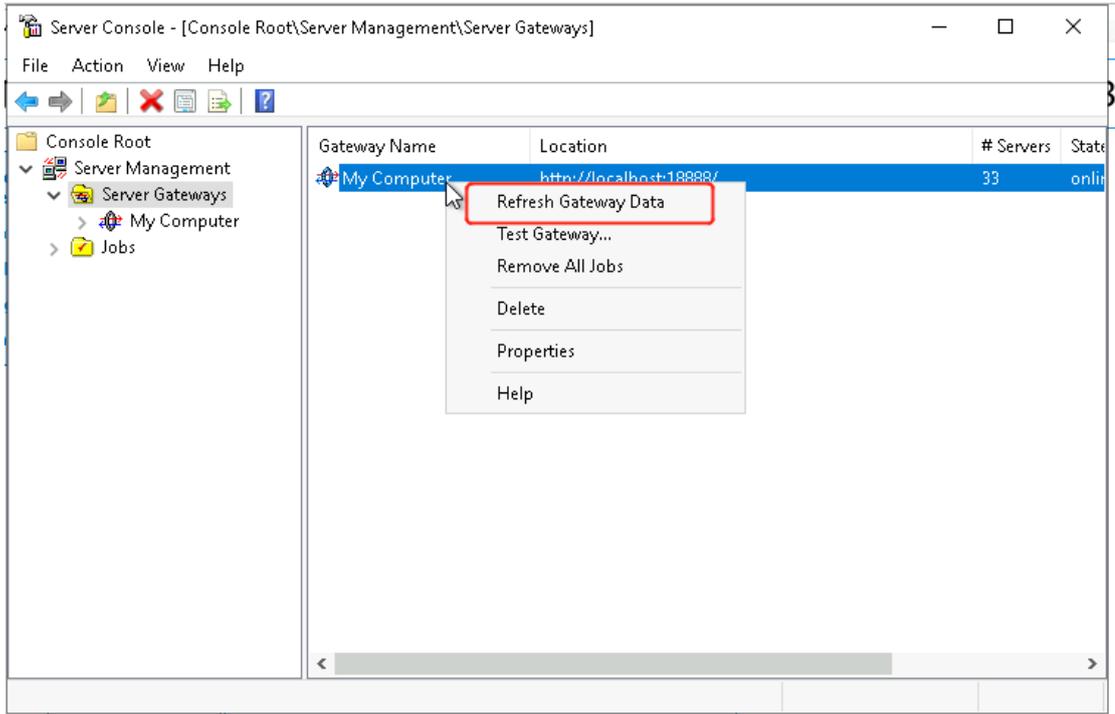
Remote Gateway instance-0avbj_18

Installed Servers	Gateway Data	
Gateway Data	hostname	instance-0avbj
Jobs	port	18888
Logs	ipaddress	10.0.64.61
Web Server Info	gatewayname	instance-0avbj_18888
	archivejobinfo	no
	version	BIOVIA Materials Studio 2020
	revision	20.1.0.2728 20191018 0652
	osname	Windows
	osversion	Microsoft Windows Server 2019 Datacenter
	mpiversion	2018.3
	versionmajor	20
	versionminor	1
	installedmemory	4095 MB
	cpu	Intel(R) Xeon(R) Platinum 8350C CPU @ 2.60GHz 2600 MHz
	corespercpu	auto
	cpucoretotal	8
	mpicommand	"C:\Program Files (x86)\BIOVIA\Materials Studio 20.1
	queuingssystem	[none]
	jobpriority	low
	licensewaitoverride	undefined

Save

5. 从开始菜单, 打开 Materials Studio 2020 Server Console, 右键 My Computer, 选择 Refresh Gateway Data





- 刷新完成之后，点击 Server Gateways，右键 My Computer，选择 Properties，确认 CPU 核数是否已经变为第四步修改的值。

