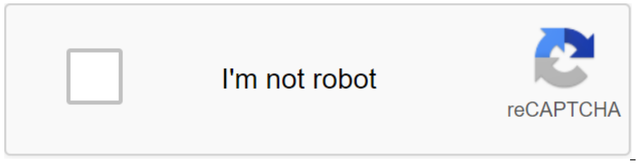

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Arcgis server 10. 6

Herramientas Presentaciones Presentaci'n ArcGis Server 10 Presentaci'n realizada por ESRI de su nuevo software de Sistemas de Informacion Geogr'fica, ArcGis Server 10, accesible desde desktop clients, navegadores web, y terminals m'viles que se conectan a servidores departamentales, corporativos o arquitecturas de computaci'n en la nube (Cloud Computing). Presentaci'n ArcGis Server 10, 4.0 out of 5 based on 2 VN:F ratings (1.9.7'1111'Valoraci'n: 4.0/5 (2 votos) This theme provides an overview of new features, improvements and changes in ArcGIS Server for both 10.6.1 and 10.6s. ArcGIS Server 10.6.1 offers new enhancements, tools and bug fixes. If you're updated to 10.6.1 from 10.5.1 or earlier, you'll need to re-authorize the software with the new authorization file for 10.6.1. You can access the new authorization files in My Esri. If you're updating from version 10.6, you don't need to re-authorize. It's a good idea to review the wear notification to determine if hardware and software components are compatible with version 10.6.1, as well as a list of features that have been withered. To see which earlier versions of the ArcGIS product are compatible with ArcGIS Server 10.6.1, see ArcGIS Server Compatibility with earlier versions. Starting with ArcGIS Enterprise 10.6.1, newly created and updated portals will only support a federal hosting server that has a relational data store created through the ArcGIS Data Store. Corporate geodata databases can be registered on a hosting server next to this relational data store, but may not be the only managed database for the hosting server. This requirement does not apply to ArcGIS Server sites other than the hosting server. For more information, visit the ArcGIS Data Store. ArcGIS Server 10.6.1 includes several fixes and enhancements that improve software security. It's a good idea to upgrade to 10.6.1 to protect the ArcGIS Server infrastructure. The following log and monitoring improvements are new in 10.6.1: The ArcGIS server administrator's directory introduces a set of resources and operations that allow administrators to find, monitor, and interfere with the current asynchronous tasks that the geoprocessor service works for. Each of them can be accessed from the service page in the catalog, and then either from the general resource Jobs, or from a resource for a specific job.Information about the hardware configuration of the machine can now be tuned into the directory of the administrator of the ArcGIS server. Current processor and OS specifications, system memory, and the number of physical and logical processors are available. For more information, visit Equipment. Waiting time for each service request, service, the exception of the posted services is currently registered at the FINE level. These logs are available in your server's logs catalog and on the ArcGIS Server logs tab Manager.At 10.6.1, feature services have been improved with the addition of level-based metadata support, REST API improvements for query operations, and the ability to publish all types of renders as function services. Maps and service features now include quantitative estimation settings that significantly improve drawing performance for supported customers, including ArcGIS Pro 2.2 and web applications that use WebGL to visualize feature levels. For more information, visit the ARCGIS Services REST API. The following enhancements are new to service features published from the company's geodata database on ArcGIS Server fed with the deployment of ArcGIS Enterprise: REST API enhancements to separate the functions of quetry and editing support for multi-patent Support for publishing layers of features from ArcGIS Pro 2.2 that have a unique value symbolism applied to multiple fields If you deploy ArcGIS GIS Server or ArcGIS Server If your ArcGIS Image Server is installed as an ArcGIS Enterprise raster analysis server, you can now register Alibaba's cloud storage bucket as a cloud storage and use it for the ArcGIS Image Server raster store. If you have an arcGIS GeoAnalytics Server configured to ArcGIS Enterprise, you can register Microsoft Azure Data Lake Store as a cloud store for use as a share of big data files. You can now connect to the Microsoft Azure database for PostgreS'L. For better performance, you should run your ArcGIS customers on Microsoft Azure and use the same location (region) as your Azure database for PostgreS'L. Big data file shares for use with ArcGIS GeoAnalytics Server can now refer Microsoft Azure Data Lake.Mosaic datasets and raster datasets are now supported in geodata databases in SAP HANA. Many updates were made through the ArcGIS Enterprise platform on 10.6.1: New tools and enhancements are available on the ArcGIS Enterprise portal. Read more about this on the portal. ArcGIS GeoAnalytics Server can now access HDFS catalogs through Kerberos authentication. ArcGIS GeoEvent Server 10.6.1 includes stability enhancements and improved functionality when using large storage spatiotemporal. For more information, visit ArcGIS GeoEvent Server. Find out the following topics to see what's new in Portal for ArcGIS, ArcGIS Data Store and ArcGIS Services Catalog API:ArcGIS Server 10.6 is a maintenance and quality improvement issue. List of problems that have been fixed at 10.6, see If you upgrade to 10.6, you will need to re-examine with a new authorization file for 10.6. You can access the new authorization files in My Esri.ArcGIS Server 10.6 includes several fixes and enhancements that improve software security. We recommend that you upgrade to 10.6 to protect the ArcGIS Server infrastructure. You should review the wear notification to determine if your hardware and software components are compatible with version 10.6, and see a list of features that have been withered. Please note that search services are at 10.6. To see which earlier versions of the ArcGIS product are compatible with ArcGIS Server 10.6, see ArcGIS Server Compatibility with earlier versions. New at 10.6 is the expansion of ArcGIS utility network management for the ArcGIS Server. This expansion contains a utility network and other components for utility management (gas, electricity, water, sewerage, storm water, etc.) and telecommunication network data. Its services allow you to manage and analyze networks on any device, with real views of your network assets. Expansion provides the following key opportunities for managing your utility network: Complex Analysis - Customized Tracking Procedures for Processing Complex Analysis Capabilities. Improved Network Modeling - Use new types of associations to model the features that are contained in the assemblies, which functions are logically related, and which functions are attached to the utility's structural components. Network management - Management of circuits, pressure zones, and other network subsections in network data. Improved display and visualization methods are how to create and store a logical (schematic) view of the network, as well as working with network charts. Enhanced Data Sharing - Use procedures to export connectivity information to other critical systems. Increased Performance - An updated data and transaction model to reduce complexity and optimize queries. A strong base for customers and partners to build on - includes a customized framework to create more complex solutions with less custom coding. The following improvements and new tools are available in ArcGIS Server 10.6: ArcGIS Server 10.6 contains significant internal improvements. You'll notice performance improvements in many service management operations, from publishing new services to stopping and running existing services. Read more about the app's optimized server in more information. You can use the createite command line utility createite to create the new ArcGIS Server site. The utility accepts the arguments for automating the creation of the site through interactive mode or from the property file. For more information, check out the steps in the guide install ArcGIS Server for quiet installation. When you upgrade to the ArcGIS Server site, you can now use the upgradeserver command line utility for a silent update. You can use the command line tool publishroutingservices publishroutingservices publishing directions, routing, and logistics services based on a set of network data on the ArcGIS server. If your ArcGIS Server is federal with a portal, the tool customizes these services as utilities from your portal, which can then be used by client applications such as the analysis tool in Map Viewer and ArcGIS Pro.At 10.6, printing maps and layouts from web applications is more powerful. The PrintingTools geoprocessing service installed in the Utility folder as part of the ArcGIS Server installation now supports vector tile layers. Its rendering capabilities are greatly enhanced for intelligent display, color transparency, Unicode support, and legends on the layout. You can now publish ArcGIS Pro 2.1 print services with custom layout templates (.pagx) created with ArcGIS Pro.Use of the new ConvertWebMapToArcGISProject feature from the arcpy.mp module in ArcGIS Pro 2.2 to create a highly customized Python-based print service. These new features in print services are only available when published with ArcGIS Pro and are not available when arcMap.Geodatabase support is added for SAP HANA. You can turn on the geodata base in The SAP HANA from ArcGIS Pro or the machine where the ArcGIS Server is installed. You can access and use data in the geodata database in ArcGIS Pro SAP HANA and publish services on federal servers. ArcGIS currently maintains connectivity to Microsoft server databases on Linux. You can also create geodata databases in the S'L server on Linux. You can also connect from the ArcGIS server on Linux to the S'L server on Windows or Linux. You can see the Microsoft server database requirements for ArcGIS 10.6 for supported versions of databases and ODBC. You can now use PostGIS geography to store spatial data in PostgreS'L databases and geodata databases in PostgreS'L. To use this type of spatial data, the database administrator must include a database for PostGIS. Enter the appropriate configuration keyword (listed below) when creating a feature class to use postGIS geography type data to store spatial data in this function class: For function classes in the database, select a key PG_GEOGRAPHY configuration. For geodata function classes in PostgreS'L, select a configuration keyword that has GEOMETRY_STORAGE setting set for PG_GEOGRAPHY. This could be a DEFAULTS keyword, PG_GEOGRAPHY keyword or a custom keyword defined by a geodata administrator. Contact the geodata administrator to confirm which keyword to use. See the PostgreS'L database requirements for ArcGIS for PostgreS'L and PostGIS versions required to use the spatial type of geography with with 10.6 corporate geodata databases, the following are no longer supported: ST_Raster typeUpgrading multiple geodata database models in S'L ServerRegistering enterprise geobase as a managed database for ArcGIS ArcGIS HOSTING server PostgreS'L 9.3DB2 V9.7 and V10.1 Feedback on this topic? Page 2 Page 3 Multiple properties can be configured to change the geoAnalytics Server settings in deployment. Setting these settings for your organization is important to optimize The Performance of GeoAnalytics Server. When setting up these settings, you need to consider the following: the number of simultaneous tasks that will be performed The size of the data used As often the jobs will run The resources available Ioanalytics Tools, which are managed by portal participants, are powered by tasks in the GeoAnalyticsTools service system on your ArcGIS Server website. The properties of the system below are installed on the GeoAnalytics Server website, while the service's properties and number of instances are installed on the GeoAnalyticsTools service itself. Before you change any settings, read all settings to plan the GeoAnalytics configuration. When you upgrade to the new version of ArcGIS Enterprise, these GeoAnalytics Server settings will not be saved. Before you upgrade, look at all the settings you've changed and remplement them when the update is complete. The following examples are used in this theme: Example 1: a three-machine geoAnalytics Server site that will run one job at a time, example 2: a three-machine GeoAnalytics Server site that will run two tasks simultaneously Both of these examples include three machines (nodes), each with 16GB of RAM and 4 processor cores. In total, each GeoAnalytics Server site has 48GB of RAM and 12 cores. It is recommended not to allocate more than 30GB of storage per machine to GeoAnalytics. The following system properties are additional properties that can be configured by the site administrator to allocate CPU and memory resources for the processing platform process on each machine on the ArcGIS server site:percentMaxAllowedComputeCore - This represents the maximum CPU cores (as a percentage of the total number available on the machine) that will be used in the process of the computing platform on one site. The default is 80 percent, and the maximum allowable value is 90 percent. If the specified value translates as less than one core of the processor, one core processor will be used for the processing worker's computing platform.percentageMaxAllowedComputeMemory- This represents the maximum memory (as a percentage of the total available memory on the machine) to be used by the process worker of the computing platform on a single site. The default is 80 percent, and the maximum allowable value is 90 percent. To edit system properties, follow the following steps: enter the ArcGIS server administrators directory as an administrative privileged user. URL в формате System и Properties.Click Update.Add свойства в следующем формате JSON: percentageMaxAllowedComputeCores: <value>, </value> </value> percentageMaxAllowedComputeCores: 90, percentageMaxAllowedComputeMemory: 90. Using the default will not take advantage of distributed computing and will lead to poor performance. Only administrators can set service level properties. :Floor ((percentageMaxAllowedComputeCores) - (common kernels on the server site) / (number of simultaneous tasks)) to estimate the maximum allowable memory per job per machine:Floor ((percentageMaxAllowedComputeMemory) - (GB of RAM on one GeoAnalytics machine) / (number of simultaneous tasks) - (Maximum per-time memory per car) If you have multiple machines on the GeoAnalytics Server with different RAM, use the value from the machine with the least amount of RAM. For example, let's say you want to use up to 80 percent of the available computational cores and computational memory (as described in the properties of the system). With a total of 12 processor cores and 48GB of RAM (16 per machine), the number of cores and RAM decided using the equations below. Number of cores: Floor ((.80) (12))/1) - Floor (9.6) - 9Amount RAM per machine: Floor ((.80) (16))/1) - Floor (12.8) 12 To use resources, available in GeoAnalytics Server and to distribute the task between several machines of the site, you can update the values to the following: Maximum allowable memory to work on the machine (GB): 12 maximum allowable computing cores per task (CPU): 9 This ensures that the job will be extended to three machines on the site and will use just under 80 percent of the available resources on all machines. The distribution set will also affect the number of instances described below. For example, 2 assume that you want to use up to 80 percent of the available computing core and computational memory (as described in the system's properties) and be able to complete two tasks at once. This means that resources must be installed for two jobs at any time. From the site in 12 processor cores and 48GB of RAM (16GB per machine), the number of cores and RAM solved using the equations below. Number of cores: (12)/2) - Floor (4.8) - 4Amount OF RAM per car: Floor ((.80) (16))/2) - Floor (6.4) 6 To take advantage of resources, available in GeoAnalytics Server and to distribute the task between several machines of the site, you can update the values to the following: Maximum allowable memory per work per machine (GB): 6Maximum allowed to calculate the kernels to work (CPU): 4 To change these properties, do the following: log in to ArcGIS Server Manager on your geoAnalytics Server as a user with administrative privileges. The URL is in tab format, select system folder. In the list of available services, find and choose to edit the GeoAnalyticsTools service. Use the Options tab to customize the service's properties. These include: Maximum allowable memory per job per machine (GB)-This represents the amount of memory in gigabytes that can be used to work on a machine. The maximum allowable computing core per task (CPU) is the total number of CPU cores that can be used per job on all cluster machines. Once you're done, click Save and Restart to update the service's properties. If the initial values are not changed, GeoAnalytics will only use a fraction of the available resources (4 cores and 18GB of the 12 cores available and 48GB for approximate customization). When choosing the amount of memory to use, be sure to set a number that is lower or equal to the percentage set for machine resources (the default is 80 percent). If you do, jobs will wait one minute for resources that aren't actually available, and then cancel with the following error: ERROR BD_101057: Won't let you start a distributed job. Please check the Settings of GeoAnalyticsTools and make sure you have enough resources to work on the job. You'll also see this error if resources aren't available because other jobs use resources. Minimum and maximum instances of GeoAnalyticsTools are installed by default on one ArcGIS Server machine on the site. Depending on the number of machines (n) that are on the GeoAnalytics Server website, there will be (n) the number of instances available to take geoAnalytics jobs. Depending on the number of instances and the amount of memory and processor cores allocated per job in the service properties, one or more simultaneous queries can be processed. Any additional requests for GeoAnalytics tools will be queued until a copy or memory and processor resources are available. If resources are not available in a minute, the job will be cancelled. Distributing as much memory and processor cores per job is ideal for the jobs that are in it To handle multiple tasks at a time, you can increase the maximum instance as needed to more than one per machine on the site. However, you will also have to change The CPU and memory limits, so there will be enough processor and memory resources available for each parallel job. To install minimum and maximum instances of GeoAnalyticsTools, follow the following steps: enter the ArcGIS server administrator's directory. The URL is in format - System - GeoAnalyticsTools.Click Edit.Edit maxInstancesPerNode and minInstancesPerNode properties and click Save Edits.In three example machines, there will be three common instances available that are sufficient to meet both Example 1 and Sample 2 usage. To develop more than three simultaneous tasks with this three-machine scenario, you also need to update the number of instances in addition to adjusting the processor and memory limitations. The overall CPU and memory limitations in all instances should be below the system limit for the processor and memory. The total memory per node multiplied by the number of instances should be less than one machine, i.e. (16GB x 0.80) / 2 instances and 6.4, and should be a more integrator - 6 - and computational cores should be smaller than the common kernels divided by the number of instances, i.e. (12 cores x .80) / 2 instances and 4.8 - 4.By by default, any long-term job processed by GeoAnalyticsTools will be time-out in 24 hours. You can edit this property so that the tools will be time-out after running for longer or shorter periods of time. You can edit the timeout property for GeoAnalyticsTools in ArcGIS Server Manager on the next steps below. Sign in to the ArcGIS server manager. The URL is in in the Services tab, select the System folder. In the list of available services, find and choose to edit the GeoAnalyticsTools service. Use the Pool tab to set up a timeout for the service in the Point out timeout section. Change the maximum time a customer can use the service by the time in the seconds you want for a new timeout. Click Save and restart to update the service. When you start a task in GeoAnalytics Server, temporary files are written in the default folder. Administrators can choose an alternative location for temporary files by specifying the geoAnalyticsTempFolder property by following the next steps below. The location of geoAnalyticsTempFolder should be a local directory on each Machine on the GeoAnalytics Server site, and it should have significant disk space to support GeoAnalytics tasks on very large data sets. Enter the ArcGIS server administrator's directory on geoAnalytics Server as an administrative privileged user. is in the format of the system and properties. JSON: GeoanalyticsThampFolder: GeoanalystTik:lt;value: GeoanalyticsTempFolder: C:temp). It will take up to one minute for the change to be reflected on the system's property page. Check the status of your GeoAnalytics server with the computer platform's health check service. Browse system and platform services and Compute_Platform click Health. Feedback on this topic? Topic? </value> arcgis server 10.6. arcgis server 10.6.1 system requirements. arcgis server 10.6 ecp crack. arcgis server 10.6.1 patches. arcgis server 10.6 ecp. arcgis server 10.6 functionality matrix. arcgis server 10.6 crack. arcgis server 10.6.1 upgrade