

## C2 Manage Usage Guide

This document provides the details needed to launch the C2 Manage – Free Edition software.

Information including AMI IDs, instructions, and recommended security settings can be found by visiting Your Software on AWS Marketplace:

1. When you press the "View Purchase Options" button on the C2 Manage – Free Edition listing page on the AWS Marketplace you will come to the following page:



2. Then you will see the Manage Subscriptions page and the product "C2 Manage – Free Edition" will be listed



3. Click on the link to see the product details

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	OpenEMR Cloud - Express Edition	OpenEMR Foundation	Amazon Machine Image		Agreement	January 19, 2019, 13:31 (UTC-05:00)	-
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4. You will then see the C2 Manage – Free Edition detail page with an orange button saying **"Launch new** instance"



- 5. Click on the Launch new instance button
- 6. Review the Launch New Instance page. You can select the region you want to run C<sub>2</sub> Manage Free Edition in. (**Note**: The region you select does NOT impact the functionality of the software since C<sub>2</sub> Manage manages



data sources across all regions in your AWS account.)

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Vendor Insights	Delivery method	
Settings	64-bit (x86) Amazon Machine Image	
	Software version	
	C2 Manage V4.001 (Oct 16, 2024)	-
	For older software versions, please visit the full AWS Marketplace website [2].	
	Region	2
	us-east-1	
	AMI ID: amI-0c9a869549ec2c9dd	
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- 7. Click on the "Continue to launch through EC2" button
- 8. You will see the "Launch an Instance" page

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Amazon EC2 allows you to create virtual m following the simple steps below.	achines, or instances, that run on the AWS Cloud. Quickly get st	tarted by	0
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		Firewall (security group)	
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9. Enter a name for your instance of C2 Manage



- 10. You will need to scroll down the page and select an existing key pair or create a new one
- 11. You can change the Instance Type, but it is not required
- 12. Under Network Settings make sure "Create Security Group" is selected
- 13. Be sure "Allow HTTPS Traffic from the Internet" is checked to ensure you can sign into the C2 Manage UI.

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	Network settings Into	Edit Summary	
	Network Info	Number of instances infe	
	vpc-f246b494   Default VPC	1	
	Subnet Info	Software Image (AMI)	
	No preference (Default subnet in any availability zone)	c2manage-10-release-10142024read more ami-0-0a66554ac2r0dd	
	Epable		
	Additional charges apply when outside of free tier allowance	t2.small	
	Firewall (security groups) infe A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reac instance.	ach your Firewall (security group) New security group	
	Create security group     Select existing security group	Storage (volumes)	
	We'll create a new security group called 'C2 Manage - Free Edition-C2 Manage V4.001-AutogenByAWS the following rules:	rsMP1' with 1 volume(s) - 20 GiB	
	Allow HTTPS traffic from the internet To set up an endpoint, for example often creating a web server	Free tier: In your first year × Includes 750 hours of t2,micro (or	
	Allow HTTP traffic from the internet To set up an endpoint, for example when creating a web server	t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per	
	Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.	× month, 750 heurs of public IPv4 address usage per month, 30 GIB of EBS storage, 2 million IOs, 1 GB	
		Cancel Launch instance	
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	Hostname type Info	Virtual s	erver type (instance type)	
	IP name	t2.small		
	DNS Hostname Info	Firewall	(security group)	
	Enable IP name IPv4 (A record) DNS requests	New sec	curity group	
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	Select 🔻		ree tier: In your first year ×	
	Shutdown behavior Info	t	3.micro in the Regions in which	
	Stop	]	isage on free tier AMIs per	
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	Select 🔻	a	of EBS storage, 2 million IOs, 1 GB	
	Termination protection Info	Cano	Launch instance	
	Select			

14. You can leave the "Configure Storage" settings at their default values

15. Under "Advanced Details" create an IAM instance profile using the following JSON code:

{
"Version": "2012-10-17",
"Statement": [
{
"Sid": "VisualEditor0",
"Effect": "Allow",
"Action": [
"ec2:GetIpamResourceCidrs",
"rds:Describe*",
"ec2:Describe*",
"rds:DownloadDBLogFilePortion",
"ec2:GetEbsDefaultKmsKeyId",
"ec2:GetVerifiedAccessEndpointPolicy",
"ec2:StopInstances",
"ec2:SearchLocalGatewayRoutes",
"ec2:DescribeTrunkInterfaceAssociations",
"ec2:GetSpotPlacementScores",
"ec2:GetIpamDiscoveredAccounts",
"ec2:GetNetworkInsightsAccessScopeAnalysisFindings",
<pre>"ec2:SearchTransitGatewayMulticastGroups",</pre>
"ec2:GetIpamPoolAllocations",
"ec2:GetIpamDiscoveredPublicAddresses",
"ec2:GetInstanceMetadataDefaults",
"ec2:GetIpamAddressHistory",
"rds:ListTagsForResource",



"ec2:GetSnapshotBlockPublicAccessState", "ec2:ExportClientVpnClientConfiguration", "ec2:GetHostReservationPurchasePreview", "ec2:SearchTransitGatewayRoutes", "rds:StopDBCLuster", "ec2:GetTransitGatewayAttachmentPropagations", "rds:StartDBInstance", "ec2:GetTransitGatewayRouteTablePropagations", "ec2:ListSnapshotsInRecycleBin", "ec2:GetResourcePolicy", "ec2:GetDefaultCreditSpecification", "ec2:DescribeIpamScopes", "ec2:ListImagesInRecycleBin", "ec2:GetTransitGatewayRouteTableAssociations", "ec2:GetVpnConnectionDeviceSampleConfiguration", "ec2:GetCoipPoolUsage", "rds:StopDBInstance", "ec2:GetAssociatedEnclaveCertificateIamRoles", "ec2:GetVerifiedAccessInstanceWebAcl", "rds:DownloadCompleteDBLogFile", "ec2:GetIpamPoolCidrs", "ec2:GetVerifiedAccessGroupPolicy", "ec2:GetImageBlockPublicAccessState", "ec2:GetEbsEncryptionByDefault", "ec2:StartInstances", "ec2:GetIpamDiscoveredResourceCidrs", "ec2:GetVpnTunnelReplacementStatus", "ec2:DescribeImportSnapshotTasks", "ec2:GetPasswordData", "ec2:GetAssociatedIpv6PoolCidrs", "ec2:GetAwsNetworkPerformanceData", "ec2:GetTransitGatewayPolicyTableEntries", "ec2:ExportClientVpnClientCertificateRevocationList", "ec2:GetSecurityGroupsForVpc", "ec2:GetManagedPrefixListAssociations", "ec2:GetInstanceUefiData", "ec2:GetConsoleScreenshot" "ec2:GetLaunchTemplateData", "ec2:GetSerialConsoleAccessStatus", "ec2:GetManagedPrefixListEntries", "ec2:GetGroupsForCapacityReservation", "ec2:GetNetworkInsightsAccessScopeContent", "ec2:GetReservedInstancesExchangeQuote", "ec2:GetInstanceTypesFromInstanceRequirements", "ec2:GetCapacityReservationUsage", "ec2:GetSubnetCidrReservations", "ec2:GetConsoleOutput", "ec2:GetFlowLogsIntegrationTemplate", "ec2:GetVpnConnectionDeviceTypes", "ec2:GetTransitGatewayPrefixListReferences", "ec2:GetTransitGatewayPolicyTableAssociations", "ec2:GetTransitGatewayMulticastDomainAssociations", "s3:ListBucket", "s3:ListAllMyBuckets", "s3:ListBucketVersions", "s3:ListBucketMultipartUploads", "glue:GetConnection", "glue:GetConnections"



```
],
"Resource": "*"
}
]
}
```

If you forget this step, you will be prompted by C2 Manage to complete it before you can use the software.

- 16. Review the Summary information on the right to ensure it is correct
- 17. Click on the "Launch instance" button on the bottom right corner
- 18. Once your instance is up and has passed all the Status Checks you can connect to the web interface

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Network & Security     Security Groups		
Security Groups		
Elastic IPs		
Placement Groups		
Key Pairs		

19. Click on the Instance ID





- 20. At this point you can click on the Public IPv4 address "open address" and it will open a browser window with the C2 Manage login page displayed
- 21. You will need to create a user account with a username and password to log in, please keep your password safe.







# C2 Manage 4.0001 Release Notes

This is the first standalone release of C2 Manage.

## Configuration

C2 Manage runs in a single EC2 instance and once you have purchased it you simply need to start the EC2 instance and navigate to the Public IPv4 address of your instance and it will open a browser window with the C2 Manage login page displayed. You will then need to create a user account with a username and password to log in and use the software. In order to control what data sources can be managed you can assign custom IAM policies to the EC2 instance running C2 Manage. We provide the JSON for the default IAM policy you need in the Usage Guide.

### Features

### **Resource Manager**

C2 Manage provides a cloud data landscape view of all your data sources across all the different AWS regions. This makes it easy to manage your AWS S3, RDS and EC2 and data sources without needing to search each region separately. The Resource Manager page shows a data landscape view of AWS data sources organized by type. It also shows your active data source so that you can easily turn off any that are running but no longer used.

#### **Managed Sources**

C2 Manage allows you to drill down to see each individual data source and start or stop them as needed. The list of managed data sources can be sorted and filtered to suit your needs, by region, by source type, etc.