

Windows Server 관리자 암호 재설정

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• 백업 AMI 를 사용하여 생성한 Windows 서버의 경우, Get Windows Password를 할 수 없음.(원본 서버만 가능)

Windows2016-Test-0903	Windows2016-Test-0903-AMI
Retrieve Default Windows Administrator Password	Retrieve Default Windows Administrator Password
To access this instance remotely (e.g. Remote Desktop Connection), you will need your Windows Administrator password. A default password was created when the instance was launched and is available encrypted in the system log. To decrypt your password, you will need your key pair for this instance. Browse to your key pair, or copy and paste the contents of your private key file into the text area below, then click Decrypt Password. The following Key Pair was associated with this instance when it was created.	Password not available yet. Please wait at least 4 minutes after launching an instance before trying to retrieve the auto generated password.
Key Name nds-key-pair In order to retrieve your password you will need to specify the path of this Key Pair on your local machine: Key Pair Path 파일선택 선택된 파일 없음 Or you can copy and paste the contents of the Key Pair below:	Note: Passwords are generated during the launch of Amazon Windows AMIs or custom All that have been configured to enable this feature. Instances launched from a custom AMI we this feature enabled use the username and password of the AMI's parent instance.
Paste contents of private key file here	Try again.
Cancel Decrypt Password	Cancel Decrypt F

- 위 상황에서 원본서버가 없을 때 Windows 원격 접속 계정 정보를 분실한 경우, 백업 AMI를 사용하여 생성한 서 버는 접속이 불가능하지만 이를 해결할 수 있는 방법이 있음.
- Windows Server **2016 AMI**: EC2Launch 서비스를 사용하여 새 암호를 생성할 수 있는 EC2Rescue 도구 사용.
- Windows Server 2016 이전의 AMI: EC2Config 서비스를 사용하여 새 암호를 생성.



Famazon II. Windows Server 2016 버전의 암호 재생성

※ **주의:** 인스턴스를 중지하면 인스턴스 스토어 볼륨의 데이터가 삭제됨. 따라서 인스턴스 스토어 볼륨에 보존하려는 데이터가 있을 경우 영구 스토리지에 백업해야 함

1단계: 인스턴스에서 루트 볼륨 분리

암호가 저장된 볼륨이 인스턴스에 루트 볼륨으로 연결되어 있는 경우 EC2Launch 서비스를 사용하여 관리자 암호를 재설 정할 수 없다. 원본 인스턴스에서 볼륨을 분리해야 이 볼륨을 임시 인스턴스에 부 볼륨으로 연결할 수 있다.

1-1. Running중인 Instance Stop

	Windows2016-Test-0903-AN	Connect		i-02b7ba5
		Get Windows Password		
		Launch More Like This		
•		Instance State	۲	Start
Ins	tance: i-02b7ba5fe2da6224	Instance Settings	۲	Stop
		Image	۲	Reboot
	Status Checks	Networking	۲	Terminate
	Status Checks	CloudWatch Monitoring	۲	
		1 001 71 F/ 0 1 000 10	_	
	Windows2016-Test-0903-AMI	Ø	,	i-02b7ba5fe2da622



1단계: 인스턴스에서 루트 볼륨 분리

1-2. 루트 볼륨 분리



• 좌측 탐색 창에서 Volumes 클릭 후, 위 볼륨 ID를 이용하여 검색 후 Detach Volume 클릭, available 확인

Name 👻	Volume IE*	Size	• Volun•	IOPS -	Snapshot 👻	Created *	Availability	State 🔺
Windows2016-Test-0903-AMI	vol-068d	30 GiB	gp2	100 / 3000	snap-0f2e6dd245c1a77c9	September 3, 2018	us-east-2a	🔵 available



2단계: 임시 인스턴스에 볼륨 연결

- 임시 인스턴스를 시작하여 이전 단계에서 분리한 루트 볼륨을 부 볼륨으로 연결

- 임시 인스턴스는(EC2 Launch를 실행하는 데 사용됨)

2-1. 좌측 탐색 창에서 Instance 클릭 후, Launch Instance(인스턴스 시작) 선택 후 AMI 선택

※ 디스크 서명 충돌을 방지하려면 다른 Windows 버전에 대한 AMI를 선택해야 함

Step 1: Choose an Amazon Machine Image (AMI)					
	ÂŬ	Microsoft Windows Server 2012 R2 Base - ami-0d2cde2c50d4d1fc2	Select		
	Windows Free tier eligible	Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English] Root device type: ebs Virtualization type: hvm	64-bit		
	Nindows Free tier eligible	Microsoft Windows Server 2012 Base - ami-0a188f6e20090f5d1 Microsoft Windows 2012 Standard edition with 64-bit architecture. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit		
	Windows Free tier eligible	Microsoft Windows Server 2008 R2 Base - ami-02ba4ef893033b252 Microsoft Windows 2008 R2 SP1 Datacenter edition, 64-bit architecture. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit		

• Windows Server 2012 R2 Base 선택함



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2-2. 인스턴스 정보 구성 페이지에서 서브넷에 대해 원래 인스턴스와 동일한 가용 영역을 선택한다.

Step 3: Configure Instance Details								
access management role to the instance,	cess management role to the instance, and more.							
Number of instances	(j)	1 Launch into Auto Scaling Group (j)						
Purchasing option	(j)	Request Spot instances						
Network	(i)	vpc-30e2f459 nds-vpc-changename C Create new VPC						
Subnet	(j)	subnet-38f71050 nds-public-subnet-1 us-east-2a Create new subnet 22 IP Addresses available						
Auto-assign Public IP	(j)	Use subnet setting (Disable)						
Placement group	(j)	Add instance to placement group.						
Domain join directory	()	None Create new directory						
IAM role	(j)	None Create new IAM role						
Shutdown behavior	(j)	Stop v						
Enable termination protection	()	Protect against accidental termination	-					
		Cancel Previous Review and Launch Next: Add Storag	e					

※ 임시 인스턴스는 원래 인스턴스와 동일한 가용 영역에 있어야 함.

임시 인스턴스가 다른 가용 영역에 있으면 원래 인스턴스의 루트 볼륨을 인스턴스에 연결할 수 없음.



webservices Ⅱ. Windows Server 2016 버전의 암호 재생성

2-3. 인스턴스 Launch

Name 🔺	Instance ID 👻	Instance Type 🔹	Availability Zone 👻	Instance State
nds-db(prd)	i-0c8a2d6bd2021809b	t2.micro	us-east-2a	stopped
nds-nat	i-07f61e2289ab0d6b0	t2.micro	us-east-2a	stopped
nds-web/was1	i-Ofa7308eaf7c68ae7	t2.micro	us-east-2a	stopped
win2016-S3-TEST	i-0b509205b9b6e3dc0	t2.micro	us-east-2a	stopped
Windows2012R2-0903	i-0ed40bd2034bad10e	t2.micro	us-east-2a	running
Windows2016-Test-0903	i-0d07a539f50a68c4b	t2.micro	us-east-2a	running
Windows2016-Test-0903-AMI	i-02b7ba5fe2da62242	t2.micro	us-east-2a	stopped



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2-4. 이전 단계에서 분리한 루트 볼륨을 부 볼륨으로 연결

• 좌측 탐색 창에서 Volumes 클릭 후, 원본 Instance에서 분리한 볼륨을 선택한 후 생성한 서버에 attach

Name -	Volume IE - Size - Volun -	IOPS -	Snapshot 👻	Created -	Availabilit ⊤	State
Windows2016-Test-0903-AMI	Modify Volume	100 / 3000	snap-0f2e	September 3, 2018	us-east-2a	🔵 available
nds-web	Create Snapshot	100 / 3000	snap-000	July 25, 2018 at 1:5	us-east-2a	in-use
nds-nat	Delete Volume	100 / 3000	snap-052	November 3, 2017	us-east-2a	in-use
Windows2012R2-0903	Attach Volume	100 / 3000	snap-039	September 3, 2018	us-east-2a	in-use
	Detach Volume					<u>.</u>

Attach Volume		2
Volume (j Instance (j Device (j	vol-068de6d0e2da251c4 (Windows2016-Test-090 i-0ed40bd2034bad10e xvdf Windows Devices: xvdf through xvdp)3-AMI) in us-east-2a in us-east-2a
		Cancel Attach

- Instance: 생선한 Windows Server 2012-R2의 Instance ID
- Device: xvdf(그대로)



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2-4. 이전 단계에서 분리한 루트 볼륨을 부 볼륨으로 연결

• 임시서버의 Description에 attached 된 볼륨 확인 가능

	Windows2012R2-0903	i-0ed40bd2034bad10e
	Windows2016-Test-0903	i-0d07a539f50a68c4b
	Windows2016-Test-0903-AMI	i-02b7ba5fe2da62242
•		
	AMI ID	Windows_Server-2012-R: 0d2cde2c50d4d1fc2)
	Platform	windows
	IAM role	-
	Key pair name	nds-key-pair
	EBS-optimized	False
	Root device type	ebs
	Root device	/dev/sda1
	Block devices	/dev/sda1
		xvdf



3단계: 관리자 암호 재설정

- 임시 인스턴스에 연결하고 인스턴스에서 EC2Rescue for Windows Server 도구를 사용하여 관리자 암호를 재설정

3-1. EC2Rescue for Windows Server 압축 파일을 다운로드하여 압축을 푼 후 EC2Rescue.exe를 실행

EC2_Rescue 파일 다운로드 경로

https://s3.amazonaws.com/ec2rescue/windows/EC2Rescue_latest.zip?x-download-source=docs

※ 내 로컬 PC에서 해당 파일 다운로드 후, D드라이브에 위치시키고 파일 공유 설정을 통해 해당서버 원격 접속 후 파일을 복사한다.

👝 ▶ 컴퓨터 ▶ 로컬 디스크 (D:) ▶								
ⓒ 열기 ▼ 굽기 새 폴더								
찾기	이름	수정한 날짜	유형	크기				
방 화면	BC2Rescue_latest.zip	2018-09-03 오후	압축(ZIP) 파일	498KB				

3-2. 원격 서버 접속 후 공유된 D드라이브에서 해당 파일을 C드라이브로 복사 후 압축을 푼 후, EC2Rescure.exe 실행

 This 	PC Local Disk (C:) EC2Rescue_latest				
	Name	Date modified	Туре		
	😭 EC2Rescue	5/22/2018 9:37 PM	Compiled HTML		
	😌 EC2Rescue	5/22/2018 9:38 PM	Application		
	EC2Rescue.exe.config	7/14/2017 11:38 PM	CONFIG File		
	EC2RescueCmd	5/22/2018 9:38 PM	Application		



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3-3. I Agree 클릭 후 Welcome to EC2Rescue에서 Next 선택

	L'annua Annuana			X				
2	License Agreement		_					
Plea	se agree to the license before you proceed.							
Cop	right 2016-2018 Amazon.com, Inc. or its affiliates. All Rights Reserved	l.						
Lice http or its distri KIN	nsed as AWS Content under the AWS Customer Agreement (available //aws.amazon.com/agreement/) or other agreement with Amazon We affiliates governing your use of AWS services ("Customer Agreement" buted on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDIT), express or implied.	at b Serv). This IONS (rices, Ir softwa DF AN`	nc. reis Y				
Data	collection and processing. This tool works by collecting information f	rom yo	ur insta	nce				
and	processing the information to troubleshoot problems with your instance	. Infor	mation	may				
Win	de networking configuration, domain and computer name, installed dri dows Firewall settings, and mini dump files, which may include persona	vers ar Ilv ider	na serv ntifiable					
infor	nation. By using this tool you consent to AWS processing this data or	n your l	oehalf i	File	e Vi	ew Hel	р	
this	vay and for this purpose and represent that you have sufficient conserved	nt for th	ne pers	٩ N	/elco	ome to	EC2R	escue
not I for t	nation of other people for AWS to process it on your behait. If you do iave sufficient permissions for AWS to process this data on your behal is purpose, please do not use this tool.	f in this	way a		EC2 Wir curr	2Rescu ndows rent in	e for M Server stance	icrosoft Win instances. T and offline i
	I Agree		Cance					
					Help			





Next

Previous

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3-4. Select mode(모드 선택)에서 Offline instance(오프라인 인스턴스) 선택

٢		EC2Rescue	_		х
F	ile View	Help			
S	Select r	node			9
	Please sele	ct a fixing mode			
		Current instance Read current instance configuration and provide useful information, also collect logs for further troubleshooting. This mode is will not make any modification to the current instance.	s read+	only ar	nd
		Offline instance Diagnose and rescue an offline volume. Restore settings to previous state, also collect logs for further troubleshooting.			
	Help	Previous		Next	:



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3-5. Select a disk(**디스크 선택**) 화면에서 xvdf 디바이스를 선택하고 **다음**을 선택

e	EC2Rescue	– – X
<u>F</u> ile <u>V</u> iew <u>H</u> elp		
Select a disk		9
Select a <u>d</u> isk:		<u>R</u> efresh
Name Size D Status Partitions		
Help		Previous <u>N</u> ext



3-5. 디스크 선택을 확인한 후 [Yes] 선택



3-6. 볼륨 로드가 완료되면 **확인** 선택





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3-7. Select Offline Instance Option(오프라인 인스턴스 옵션 선택)에서 Diagnose and Rescue(진단 및 복구) 선택





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3-8. 요약 화면에서 정보를 검토한 다음 **다음** 선택

		EC2Rescue)
le <u>V</u> iew <u>H</u> elp			
Summary			9
EC2Rescue has checked the follow	vina items. F	Proceed to next page to select actions.	
Name	Status	Description	^
System Time			
RealTimeIsUniversal	Enabled	If this is disabled, Windows system time drifts when timezone is set o	
Windows Firewall			
🔔 Domain networks	Enabled	Windows Firewall may prevent access to this instance when using t	_
🔔 Private networks	Enabled	Windows Firewall may prevent access to this instance when using t	=
🔔 Guest or public networks	Enabled	Windows Firewall may prevent access to this instance when using t	
Remote Desktop			
Service Start	Manual	Remote Desktop service should start automatically.	
Remote Desktop Connections	Enabled	Remote Desktop Connections should be enabled to allow access.	
TCP Port	3389	The default listening port is TCP/3389.	
EC2Launch			
Installation	Installed	EC2Launch 1.3.2000080 is installed.	
i Reset Administrator Password	Disabled	If you want to re-generate Administrator's password on next boot, se	\mathbf{v}
<	III	>	
Uala		Provinue	4
пер		Frevious Ne.	a



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3-9. Detected possible issues(감지된 잠재적 문제) 화면에서 Reset Administrator Password(**관리자 암호 재설정)**를 선택하고 **다음** 선택

0		EC2Rescue	_ D X
<u>F</u> ile <u>V</u> iew <u>H</u> elp			
Detected possible issue	es		
Colort itoma ta ha fivad:			-
Name	Chathan	Description	
Windows Eisewall	Status	Description	
	Fachlad	We down Denveller and a second static instance	a sub-sector this
	Enabled	Windows Firewall may prevent access to this instance	e when using this
Cuest es sublis estuados	Enabled	Windows Firewall may prevent access to this instance	e when using this
	Enabled	windows Firewall may prevent access to this instance	e when using this
EC2Launch			
🗹 🚺 Reset Administrator Password	Disabled	If you want to re-generate Administrator's password o	n next boot, sele
<		III	>
Calaat All			
Select All			
Help		Previous	Next
		Trevious	Hox



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3-10. Rescue 선택

¢					EC2	Rescue			x
<u>F</u> il	e <u>V</u> iev	/ <u>H</u> elp							
С	onfirn	n							
	The item	below will b	e fixed:						
	Name	2010111112	0.000	From	То	Description			
	EC2La	unch							
	 Rese 	t Administrat	or Password	Disabled	Enabled	Re-generates Administrator's	s password on next	boot.	
	Help						Previous	Rescu	ie



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3-11. OK 선택 후 복구 결과 확인 후 Next 선택

EC2Rescue	×
EC2Rescue will change settings on the selected Do you want to proceed?	disk.
	EC2Rescue
UK C	<u>F</u> ile <u>V</u> iew <u>H</u> elp
	Result
	Rescue result:
	Name From To Result
	EC2Launch
	Help Previous Next





3-11. Finish 선택 후 OK 선택

File View Help Done Selected changes have been successfully applied to the volume. EC2Rescue can take the volume offline by clicking the [Finish] button or exiting the application. The volume can then be attached to the original instance as (/dev/sda1), after which the original instance can be started. To view the audit log for this session, click on [View] > [Show log]. Help Previous Frieh CC2Rescue Image: Selected disk Concel OK Cancel Frieh	0	EC2Rescue	x	
Done Selected changes have been successfully applied to the volume. EC2Rescue can take the volume offline by clicking the [Finish] button or exiting the application. The volume can then be attached to the original instance as (/dev/sda1), after which the original instance can be started. To view the audit log for this session, click on [View] > [Show log]. Heip Previous Previous Previous OK Cancel Offline selected disk Provides	<u>F</u> ile <u>V</u> iew	Help		
Selected changes have been successfully applied to the volume. EC2Rescue can take the volume offline by clicking the [Finish] button or exiting the application. The volume can then be attached to the original instance as (/dev/sda1), after which the original instance can be started. To view the audit log for this session, click on [View] > [Show log]. Heb Previous Finish OK Cancel Offline selected disk Fixed signature	Done			
Selected changes have been successfully applied to the volume. EC2Rescue can take the volume offline by clicking the [Finish] button or exiting the application. The volume can then be attached to the original instance as (/dev/sda1), after which the original instance can be started. To view the audit log for this session, click on [View] > [Show log]. Heip Previous Previous Previous OK Cancel Offline selected disk Provious				
EC2Rescue can take the volume offline by clicking the [Finish] button or exiting the application. The volume can then be attached to the original instance as (/dev/sda1), after which the original instance can be started. To view the audit log for this session, click on [View] > [Show log]. Help Previous Finish OK Cancel OK	Select	ed changes have been successfully applied to the volume.		
To view the audit log for this session, click on [View] > [Show log]. Help Previous Prish Are you sure you want to exit EC2Rescue? Are you sure you want to exit EC2Rescue? OK Cancel Previous Previous Company of the selected disk Previous Previous Previous Company of the selected disk Previous Previous	EC2Re buttor attach origina	scue can take the volume offline by clicking the [Finish] or exiting the application. The volume can then be ed to the original instance as (/dev/sda1), after which the al instance can be started.		
Help Previous Finish Previous Finish Are you sure you want to exit EC2Rescue?	To vie log].	w the audit log for this session, click on [View] > [Show		
Help Previous Finish Are you sure you want to exit EC2Rescue? OK Cancel Voffline selected disk Fix disk signature				
Help Previous Finish Are you sure you want to exit EC2Rescue? OK Cancel Image: Comparison of the selected disk Fix disk signature				
Help Previous Finish Are you sure you want to exit EC2Rescue? OK Cancel Image: Comparison of the selected disk Fix disk signature				
Help Previous Finish Are you sure you want to exit EC2Rescue? OK OK Cancel Image: Comparison of the selected disk				EC2Rescue ? ×
OK Cancel ✓ Offline selected disk Fix disk signature	Help	Previous		Are you sure you want to exit EC2Rescue?
 ✓ Offline selected disk □ Fix disk signature 				OK Cancel
Fix disk signature				Offline selected disk
				Fix disk signature



3-11. 원격 접속 종료



3-12.1단계와 같은 방법으로 볼륨을 분리

- 탐색 창에서 인스턴스를 선택하고 임시 인스턴스 선택
- 임시 인스턴스의 설명 창에서 xvdf로 나열된 EBS 볼륨의 ID 기록
- 탐색 창에서 [Volumes] 선택
- 앞 단계에서 적어둔 볼륨을 볼륨 목록에서 선택한 다음 Detach Volume(볼륨 분리) 선택
- 볼륨 상태가 사용 가능로 변경된 후 이어서 다음 단계 수행



4단계: 원본 Instance 다시 시작

- EC2Launch를 사용해 관리자 암호를 재설정한 후 볼륨을 원본 인스턴스에 루트 볼륨으로 다시 연결하고 키 페어를 사용해 인스턴스에 연결하여 관리자 암호를 검색

4-1. 아래의 방법으로 볼륨을 원본 인스턴스에 다시 연결

- 탐색 창에서 볼륨을 선택하고 임시 인스턴스에서 분리한 볼륨을 선택한 후 작업, 볼륨 연결 선택
- 볼륨 연결 대화 상자에서 인스턴스에 원본 인스턴스의 이름이나 ID를 입력한 다음 해당 인스턴스 선택
- [Device]에 /dev/sda1 입력
- [Attach] 선택. 볼륨 상태가 in-use로 변경된 후 이어서 다음 단계 수행

Attach Vo	lume			>
Volu	me (j	vol-068de6d0e2da251c4 (Windows2016-Test-090)3-AMI) in us-easi	t-2a
Instan	ice (j	i-02b7ba5fe2da62242	in us-east-2a	
Dev	ice (j	/dev/sda1 Windows Devices: xvdf through xvdp]	
			Cancel	Attach



#imazon II. Windows Server 2016 버전의 암호 재생성

4-2. 원본 Instance Start

AND A	Windows2016-Test-0903-AMI	i-02b7ba5fe2da62242	t2.micro	us-east-2a	pending
	Windows2016-Test-0903-AMI	i-02b7ba5fe2da62242	t2.micro	us-east-2a	iunning

4-3. Get Windows Password를 해보면 계정정보를 새로 받을 수 있게 된다. pem키를 사용하여 받는다.

Windows2016-Test-0903-AMI	
Retrieve Default Windows Administrator Password	>
To access this instance remotely (e.g. Remote Desktop Connection), you will need you password. A default password was created when the instance was launched and is available system log.	ir Windows Administrator ailable encrypted in the
To decrypt your password, you will need your key pair for this instance. Browse to your paste the contents of your private key file into the text area below, then click Decrypt Pa	r key pair, or copy and rassword.
The following Key Pair was associated with this instance when it was created.	
Key Name nds-key-pair	Key Pair Path 파일 선택 nds-key-pair.pem
In order to retrieve your password you will need to specify the path of this Key Pair on y	Or you can copy and paste the contents of the Key Pair below:
Key Pair Path 파일 선택 선택된 파일 없음	BEGIN RSA PRIVATE KEY MIIEowIBAAKCAQEA5C7gV5+1dbdYhqd6LHfWJs3bA6pVIVX2muiqEqFnkEbGBdYAEIXatVuTKLNM NdJnjAOR2d0XWEvtQdwrYRI5IcxQ4aDQGULLuZq6rTdUrF4KgSmO5/zzRIVconRhmRefZVsgdD4k
Or you can copy and paste the contents of the Key Pair below: Paste contents of private key file here	uz1HOwT1C7mfYBqRS7wJbxGkpTHwXy3kDkXvtYi4VqB3ThHZdqm9zTuy3u7do1Pn/UI+dfzhV9nM W9ge+O+gtiNjs3CLBZffqwgHIT84ZjISPkosIgMw9+boXVh/7sD1FH5BAAp5Bd9V1rMIuSIW2zwj LohZuk9quXfqPN+dkW3D9T+uCL6+jA2Gyc5FTa0MsqJVrVb/VE/X6QIDAQABAoIBAGsKDIUsZzwU
	Cancel Decrypt Password
Cance	el Decrypt Password



<mark>@mazon</mark> III. Windows Server 2016 이전 버전의 암호 재생성

1단계: EC2Config 서비스가 실행 중인지 확인

1-1. 암호를 재설정할 인스턴스 선택 후 아래와 같이 Get System Log 클릭

Windows2	012R2-Test-0903-AN	1 Connect			t2.micro	us-ea
Windows2	016-0903	Get Windo	Get Windows Password		t2.micro	us-ea
Windows2	016-Test-0903-AMI	Launch Mo	re Like This		t2.micro	us-ea
		Instance St	tate	•		
		Instance S	ettings	Þ	Add/Edit Tags	
		Image		Þ	Attach to Auto Scaling Gro	oup
		Networking	I	۲L	Attach/Replace IAM Role	
		CloudWatc	h Monitoring	۲L	Change Instance Type	
		_			Change Termination Prote	ction
					View/Change User Data	
•					Change Shutdown Behavi	or
Instance: i-08	daac236a5445798	(Windows2012	R2-Test-090	3-A	Change T2 Unlimited	
					Change T2/T3 Unlimited	
Description	Status Checks	Monitorina	Tags		Get System Log	
		3		-1	Get Instance Screenshot	
	Instance ID	i-08daac236a54	45798		Modify Instance Placemen	nt



* Text and a constructions and the server 2016 이전 버전의 암호 재생성

1단계: EC2Config 서비스가 실행 중인지 확인

1-2. EC2 Agent: Ec2Config service v.....항목이 보이면 EC2Config 서비스가 실행중인 것

System Log: i-08daac236a5445798 (Windows2012R2-Test-0903-AMI) X ×

2018/09/03 07:29:57Z: 2018/09/03 07:29:57Z: 2018/09/03 07:29:57Z: 2018/09/03 07:29:57Z: 2018/09/03 07:29:57Z: 2018/09/03 07:29:58Z: 2018/09/03 07:29:58Z: 2018/09/03 07:29:58Z: 2018/09/03 07:29:58Z: 2018/09/03 07:29:58Z: 2018/09/03 07:29:58Z:	Driver: AWS PV Driver Package v8.2.3 EC2ConfigMonitorState: 0 Windows sysprep configuration complete. AMI Origin Version: 2018.08.15 AMI Origin Name: Windows_Server-2012-R2_RTM-English-64Bit-Base OS: Microsoft Windows NT 6.3.9600 OsVersion: 6.3 OsProductName: Windows Server 2012 R2 Standard OsBuildLabEx: 9600.19101.amd64fre.winblue_ltsb_escrow.180718-1800 Language: en-US TimeZone: Coordinated Universal Time
2018/09/03 07:29:587:	EC2 Agent: Ec2Config service v4.9.2756
2018/09/03 07:29:58Z: 2018/09/03 07:29:59Z: 2018/09/03 07:29:59Z:	Message: Meta-data is now available. AMI-ID: ami-061b2be789044072f Instance-ID: i-08daac236a5445798
2018/09/03 07:29:592: 2018/09/03 07:29:592: 2018/09/03 07:29:592:	Instance Type: t2.micro Ec2SetPassword: Disabled RDPCERTIFICATE-SUBJECTNAME: WIN-45AJ2HVN0BF
2018/09/03 07:29:592: 2018/09/03 07:30:14Z: 2018/09/03 07:30:14Z:	RDPCERTIFICATE-THUMBPRINT: FE30F2C98A189A155AFF710905B85C739297083 KMS: Server:169.254.169.250; Attempt:1 Message: Product activation was successful
2018/09/03 07:30:14Z:	Message: Windows is Ready to use
	Close



2단계: 인스턴스에서 루트 볼륨 분리

3단계: 임시 인스턴스에 볼륨 연결

※ 위 단계들은 Windows Server 2016 버전의 암호 재생성에서의 과정과 동일하기 때문에 생략 ※ 이번엔 임시 인스턴스를 Windows 2016으로 생성하였음

• 임시서버의 Description에 attached 된 볼륨 확인 가능





<mark>양꺱mazon</mark> III. Windows Server 2016 이전 버전의 암호 재생성

4단계: 구성파일 수정

- Disk Management(디스크 관리) 유틸리티를 열고 드라이브를 온라인 상태로 설정

4-1. Win2016 기준 Create and format hard disk partitions(disk manager)를 검색하여 실행



4-2. Disk 1이 xvdf 볼륨. 우클릭 하여 Online으로 변경한다.

📅 Disk Management – 🗆 🗙 TO Disk 1											
File Action View Help									Basic		
♦ ♦										30.00 GB Offline	350 MB
Volume	Layout	Туре	File System	Status	Capacity	Free Spa	% Free				
***** (C:)	Simple	Basic	NTFS	Healthy (S	30.00 GB	16.12 GB	54 %				Online
										—	
	i									Unallocated	Properties
- Disk 0	Tisk 0								2		Hale
Basic 30.00 GB											
Online	line Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)										
							2	Tisk 1			
								Basic			
"O Disk 1 Basic										20.00 GR	
30.00 GB	350 MB		29.	56 GB						Online	
Offline 🚹											-
	V Unalla sected Diverse and the							~			



^{Webservices} III. Windows Server 2016 이전 버전의 암호 재생성

4-3. xvdf의 두 번째 볼륨(E드라이브) 으로 이동한 다음, 메모장과 같은 텍스트 편집기를 사용하여 \Program Files\Amazon\Ec2ConfigService\Settings\config.xml을 오픈



→ This PC → Local Disk (E:) → Program Files → Amazon → Ec2ConfigService → Settings							
		Name	^	Date modified	Туре	Si	
5S		ActivationSetting	s	3/27/2015 8:34 AM	XML Document		
	<i></i>	AWS.EC2.Window	s.CloudWatch.json	10/6/2014 9:15 PM	JSON File		
IS	Ħ	BundleConfig 8/15/2018 12:56 AM XML Docume					
ts	*	🖭 config		9/3/2018 5·37 AM	XML Document		
	*	📋 config.xml.bak	Open		AK File		
		🔮 DriveLetterConfig	Edit		ML Document		
IUN-PC		🔮 EventLogConfig	<table-cell-rows> Scan with Windo</table-cell-rows>	ws Defender	ML Document		
		ExceptionDataFile	Open with	2	> 🙆 Internet Explor	rer	
		🔮 monitortask2008	Restore previous	Notepad			
ts 🔮 WallpaperSetting			Send to	Send to			



^{Cam}azon III. Windows Server 2016 이전 버전의 암호 재생성

4-4. 이름이 Ec2SetPassword인 플러그인을 찾아 State를 Disabled에서 Enabled로 변경하고 파일을 저장



4-5. 다시 Disk Manager로 들어가서 xvdf를 Offline으로 변경한다.







4-6. 원격 접속 종료



4-7.1단계와 같은 방법으로 볼륨을 분리

- 탐색 창에서 인스턴스를 선택하고 임시 인스턴스 선택
- 임시 인스턴스의 설명 창에서 xvdf로 나열된 EBS 볼륨의 ID 기록
- 탐색 창에서 [Volumes] 선택
- 앞 단계에서 적어둔 볼륨을 볼륨 목록에서 선택한 다음 Detach Volume(볼륨 분리) 선택
- 볼륨 상태가 사용 가능로 변경된 후 이어서 다음 단계 수행



5단계: 원본 Instance 다시 시작

- EC2Launch를 사용해 관리자 암호를 재설정한 후 볼륨을 원본 인스턴스에 루트 볼륨으로 다시 연결하고 키 페어를 사용해 인스턴스에 연결하여 관리자 암호를 검색

5-1. 아래의 방법으로 볼륨을 원본 인스턴스에 다시 연결

- 탐색 창에서 볼륨을 선택하고 임시 인스턴스에서 분리한 볼륨을 선택한 후 작업, 볼륨 연결 선택

- 볼륨 연결 대화 상자에서 인스턴스에 원본 인스턴스의 이름이나 ID를 입력한 다음 해당 인스턴스 선택
- [Device]에 /dev/sda1 입력

- [Attach] 선택. 볼륨 상태가 in-use로 변경된 후 이어서 다음 단계 수행

Atta	ach Volu	me			2
	Volume	(j	vol-08d2e83e1f515582e (Windows2012R2-Test-0 2a)903-AMI) in us-east-	
	Instance	(j)	i-08daac236a5445798	in us-east-2a	
	Device	()	/dev/sda1 Windows Devices: xvdf through xvdp]	
				Cancel Attach	



5-2. 원본 Instance Start

A BA	Windows2012R2-Test-0903-AMI	i-08daac236a5445798	t2.micro	us-east-2a	🥥 pending
	Windows2012R2-Test-0903-AMI	i-08daac236a5445798	t2.micro	us-east-2a	inning

5-3. Get Windows Password를 해보면 계정정보를 새로 받을 수 있게 된다. pem키를 사용하여 받는다.

Windows2016-Test-0903-AMI					
Retrieve Default Windows Administrator Password	>				
To access this instance remotely (e.g. Remote Desktop Connection), you will need you password. A default password was created when the instance was launched and is availy system log.	ur Windows Administrator /ailable encrypted in the				
To decrypt your password, you will need your key pair for this instance. Browse to your paste the contents of your private key file into the text area below, then click Decrypt Pa	ir key pair, or copy and Password.				
The following Key Pair was associated with this instance when it was created.					
Key Name nds-key-pair	Key Pair Path 파일 선택 nds-key-pair.pem				
In order to retrieve your password you will need to specify the path of this Key Pair on y	Or you can copy and paste the contents of the Key Pair below:				
Key Pair Path 파일 선택 선택된 파일 없음	BEGIN RSA PRIVATE KEY MIIEowIBAAKCAQEA5C7gV5+1dbdYhqd6LHfWJs3bA6pVIVX2muiqEqFnkEbGBdYAEIXatVuTKLNM NdJnjAOR2d0XWEvtQdwrYRI5IcxQ4aDQGULLuZq6rTdUrF4KgSmO5/zzRIVconRhmRefZVsgdD4k				
Or you can copy and paste the contents of the Key Pair below: Paste contents of private key file here	uz1HÓwT1C7mfYBqRS7wJbxGkpTHwXy3kDkXvtYi4VqB3ThHZdqm9zTuy3u7do1Pn/UI+dfzhV9nM W9ge+O+gtiNjs3CLBZffqwgHIT84ZjISPkosIgMw9+boXVh/7sD1FH5BAAp5Bd9V1rMIuSIW2zwj LohZuk9quXfqPN+dkW3D9T+uCL6+jA2Gyc5FTa0MsqJVrVb/VE/X6QIDAQABAoIBAGsKDIUsZzwU				
	Cancel Decrypt Password				
Cancel Decrypt Password					





1. Windows Server 2016 버전의 암호 재생성

https://docs.aws.amazon.com/ko_kr/AWSEC2/latest/WindowsGuide/ResettingAdminPassword_EC2Launch.html

2. Windows Server 2016 이전 버전의 암호 재생성

https://docs.aws.amazon.com/ko_kr/AWSEC2/latest/WindowsGuide/ResettingAdminPassword_EC2Config.html

