

AWS Windows Instance

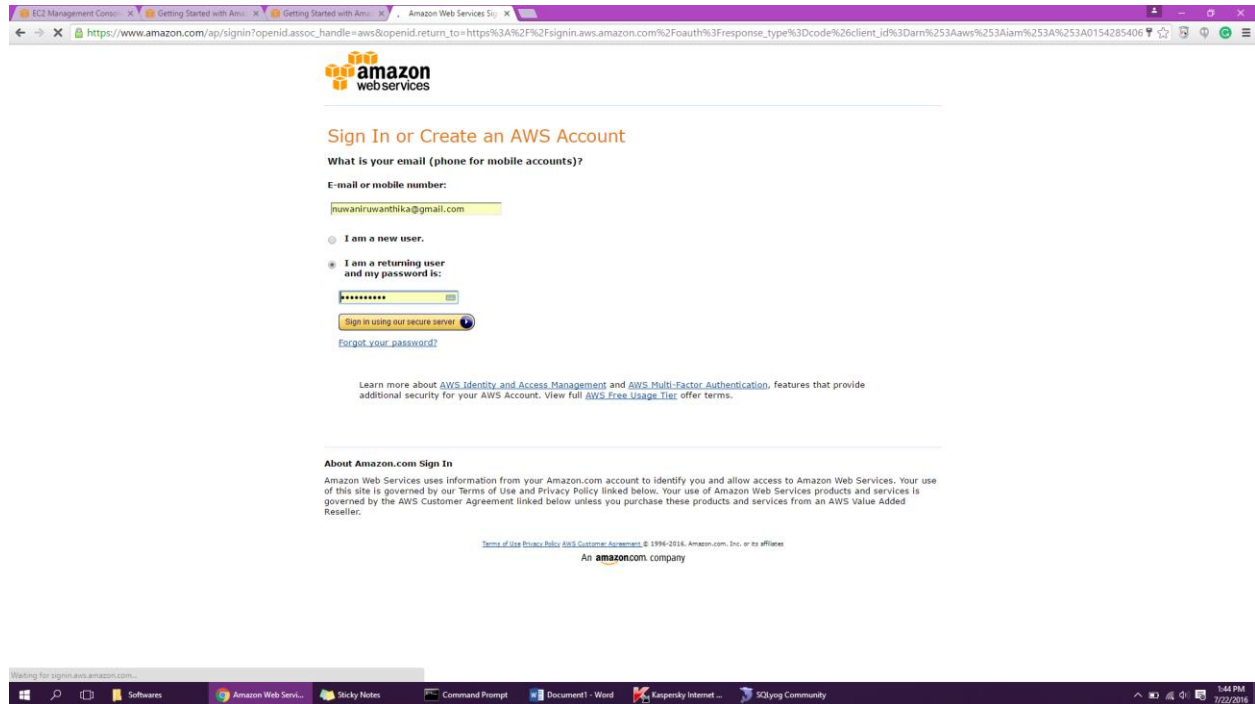
ESBP II LAB 1

Manoj Amarasekera

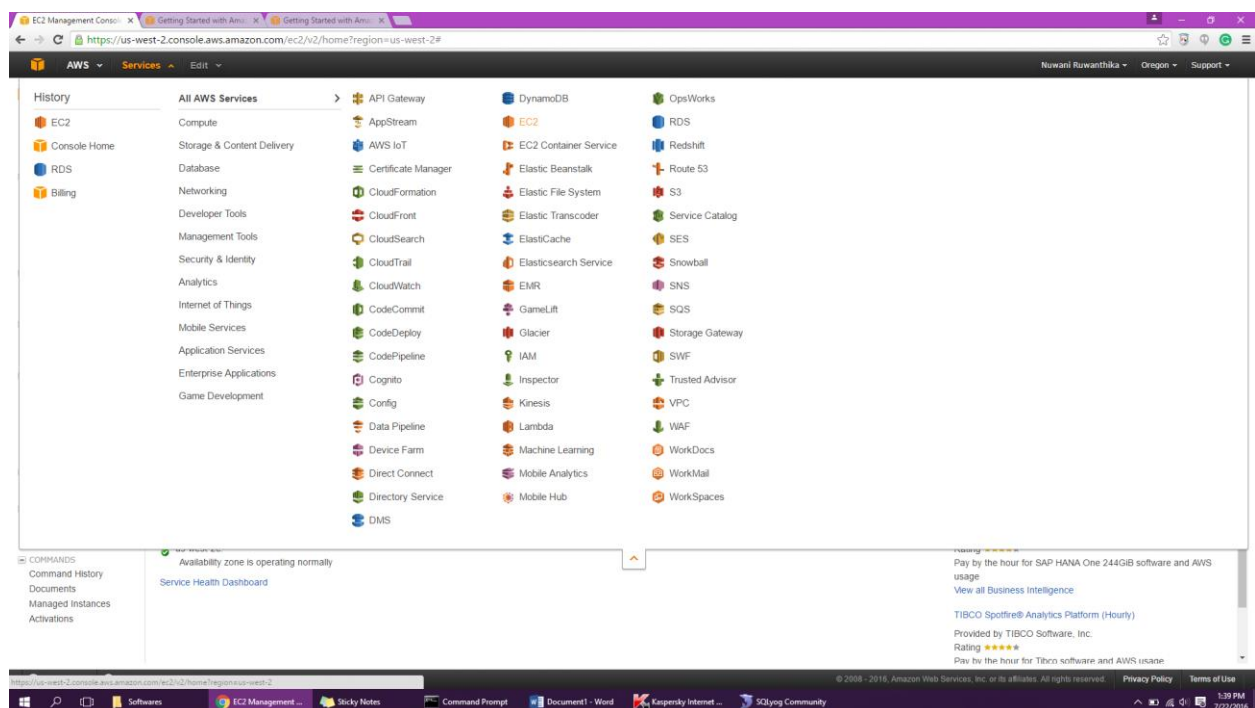
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Amazon EC2 Windows Instance

1. Create the account.



2. Select the EC2 instance.



3. Choose an Amazon Machine Image (AMI)

The screenshot shows the AWS Management Console interface for creating an EC2 instance. The 'Step 1: Choose an Amazon Machine Image (AMI)' page is displayed. The left sidebar shows 'My AMIs', 'AWS Marketplace', and 'Community AMIs'. The main area lists several AMIs with their details and a 'Select' button. The 'Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type' is highlighted. Below the list, there is a section for 'Are you launching a database instance? Try Amazon RDS' with a 'Launch a database using RDS' button. The bottom of the console shows the task bar with various applications open.

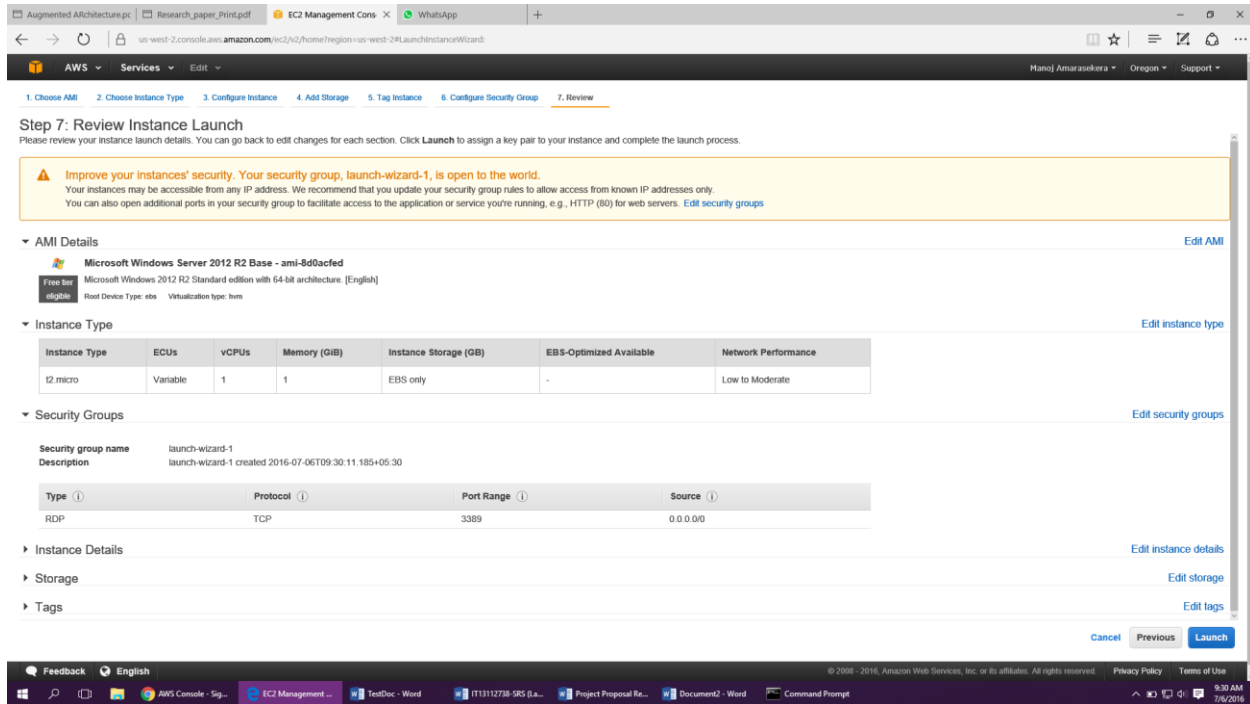
AMI	Root device type	Virtualization type	Architecture
Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type - ami-7172b611	ebs	hvm	64-bit
Red Hat Enterprise Linux 7.2 (HVM), SSD Volume Type - ami-775e41f6	ebs	hvm	64-bit
SUSE Linux Enterprise Server 12 SP1 (HVM), SSD Volume Type - ami-d2627db3	ebs	hvm	64-bit
Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-8a6ea4b	ebs	hvm	64-bit
Microsoft Windows Server 2012 R2 Base - ami-8d0acd	ebs	hvm	64-bit

4. Choose an Instance Type

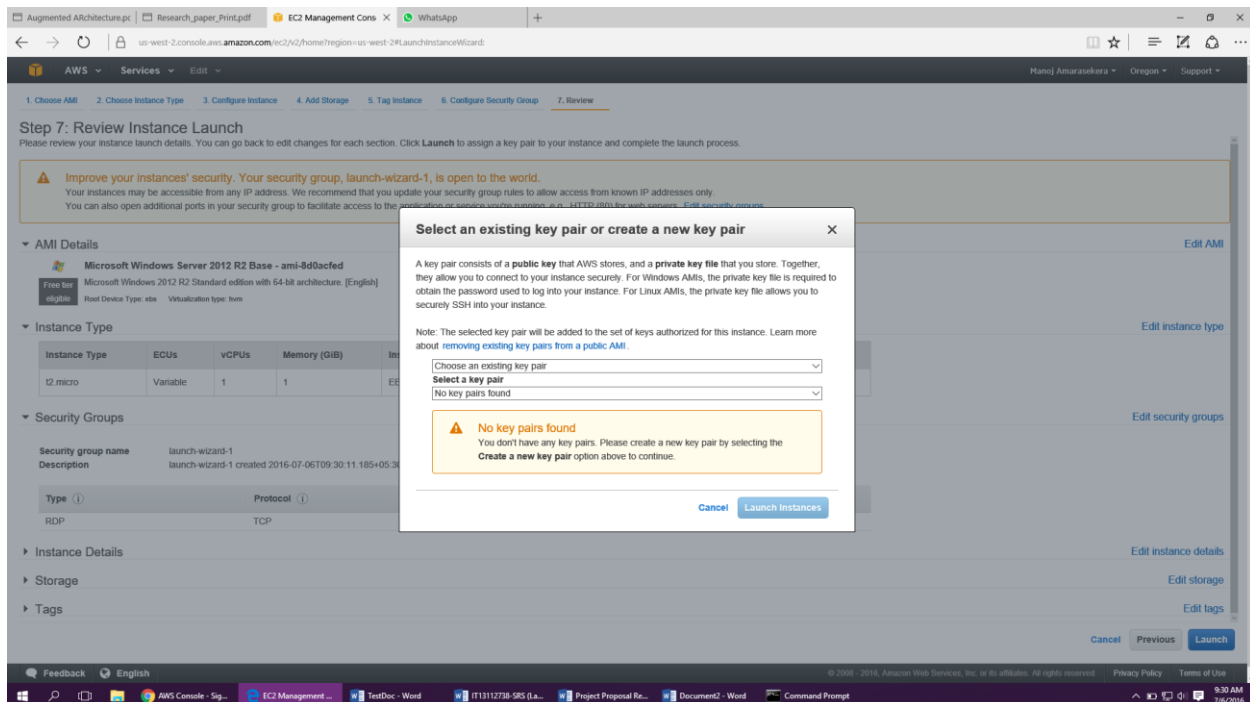
The screenshot shows the AWS Management Console interface for creating an EC2 instance. The 'Step 2: Choose an Instance Type' page is displayed. The left sidebar shows 'All instance types', 'Current generation', and 'Show/Hide Columns'. The main area shows a table of instance types. The 't2.micro' instance type is selected. The table columns are: Family, Type, vCPUs, Memory, Instance Storage, EBS Optimized, and Network Performance. The bottom of the console shows the task bar with various applications open.

Family	Type	vCPUs	Memory (GiB)	Instance Storage (GiB)	EBS Optimized Available	Network Performance
General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
General purpose	t2.micro	1	1	EBS only	-	Low to Moderate
General purpose	t2.small	1	2	EBS only	-	Low to Moderate
General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
General purpose	t2.large	2	8	EBS only	-	Low to Moderate
General purpose	m4.large	2	8	EBS only	Yes	Moderate
General purpose	m4.xlarge	4	16	EBS only	Yes	High
General purpose	m4.2xlarge	8	32	EBS only	Yes	High
General purpose	m4.4xlarge	16	64	EBS only	Yes	High
General purpose	m4.10xlarge	40	160	EBS only	Yes	10 Gigabit
General purpose	m3.medium	1	3.75	1 x 4 (SSD)	-	Moderate
General purpose	m3.large	2	7.5	1 x 32 (SSD)	-	Moderate
General purpose	m3.xlarge	4	15	2 x 40 (SSD)	Yes	High

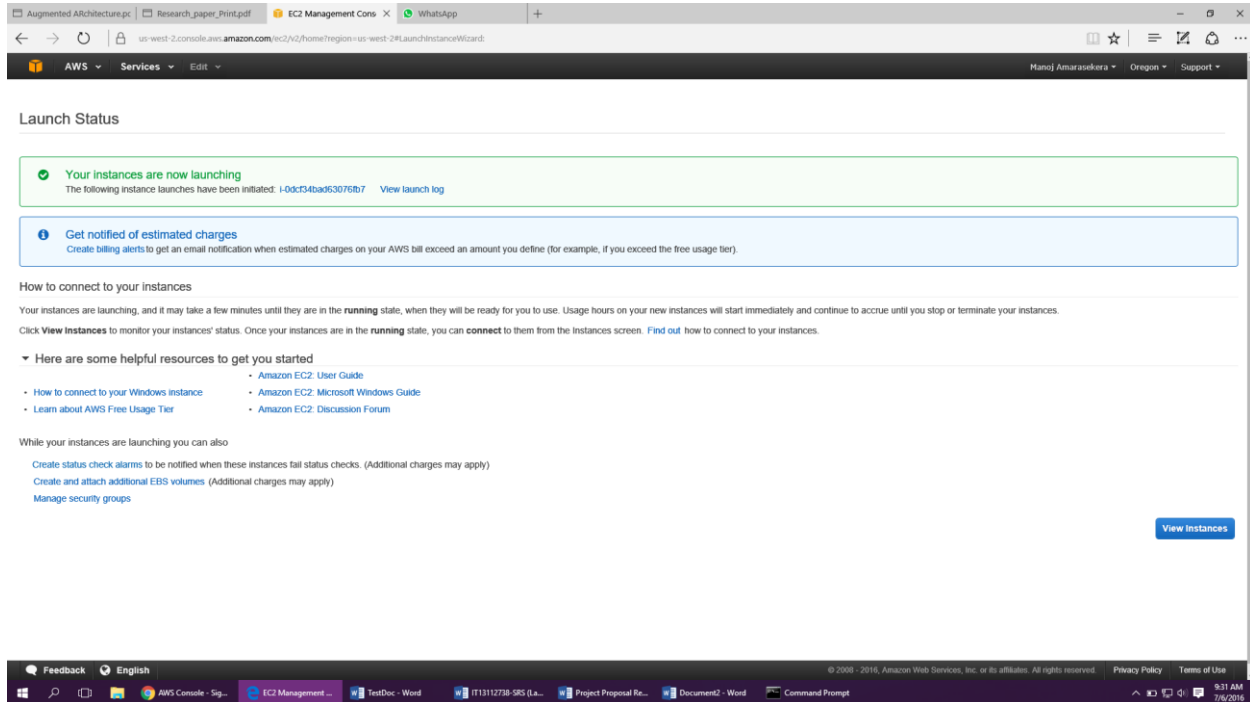
5. Choose Review and Launch to let the wizard complete the other configuration settings.



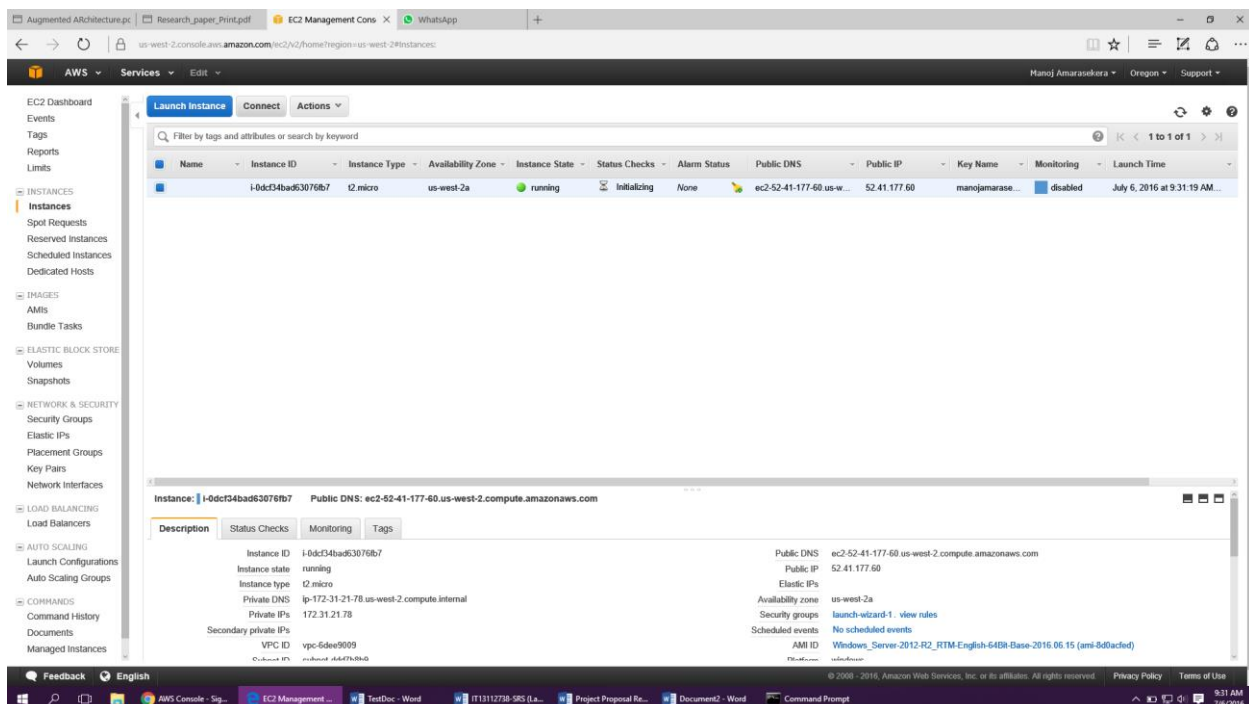
6. Select an existing security group.



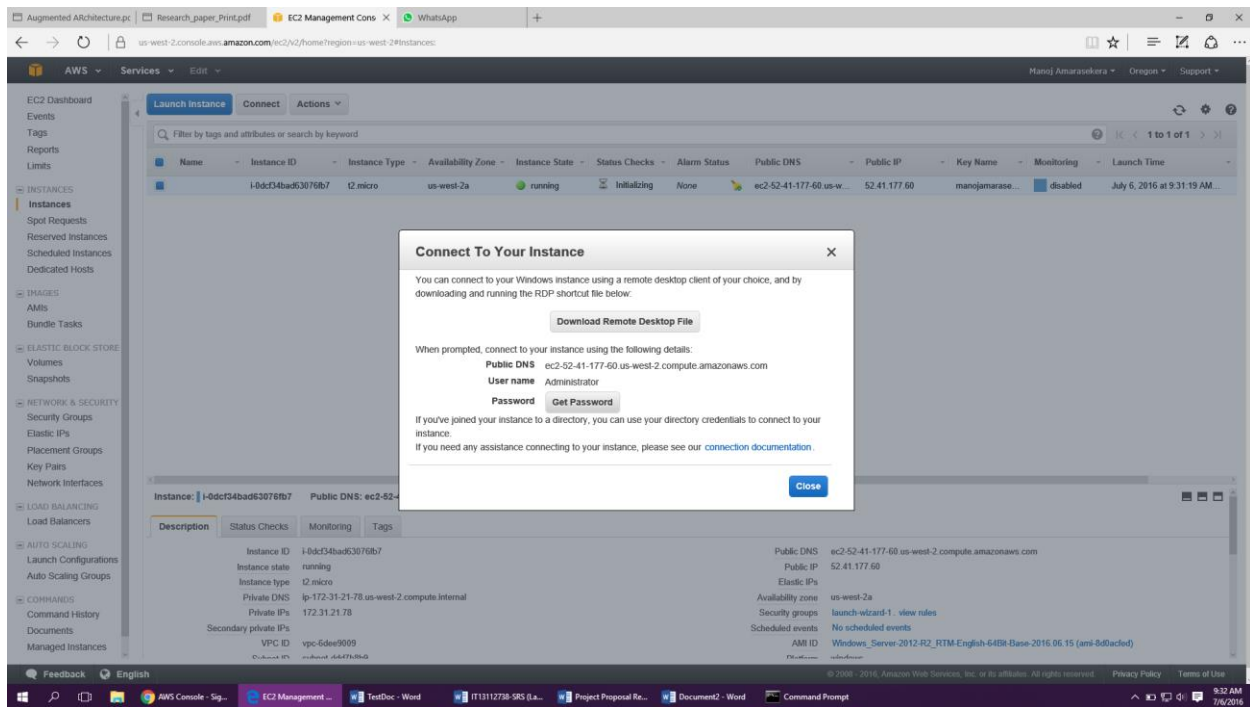
7. Select **Create a new key pair** → Enter Key pair name → choose **Launch Instances**.



8. Choose **View Instances**

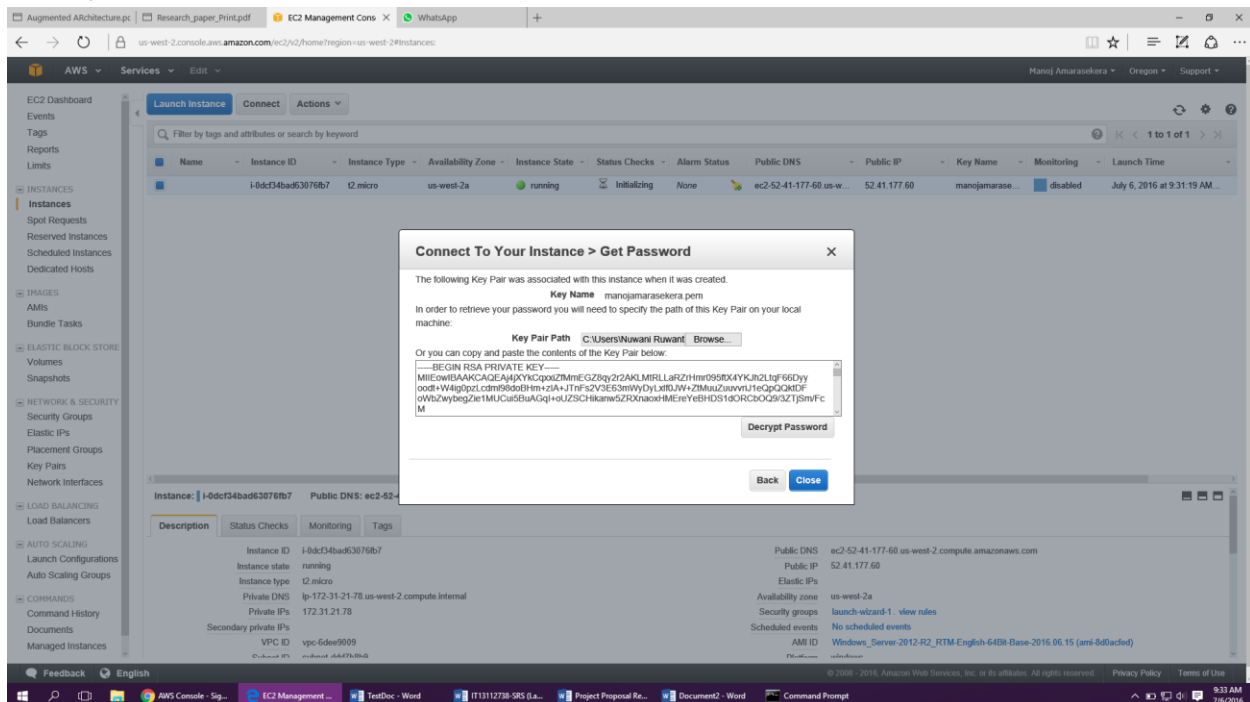


9. In the **Connect to Your Instance** dialog box, choose **Get Password**.

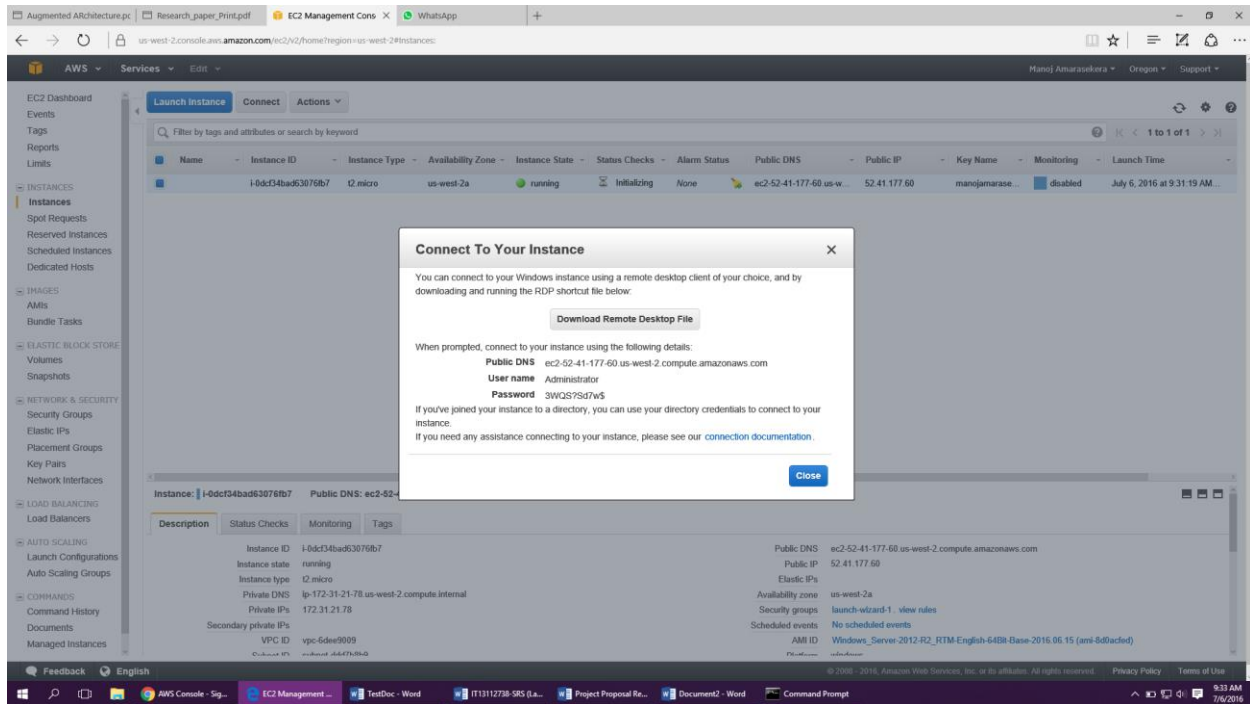


10. Choose **Decrypt Password**.

11.



12. Choose **Download Remote Desktop File**.



13. When prompted, log in to the instance, using the administrator account for the operating system and the password that you recorded or copied previously.

14. The launched Amazon EC2 Windows Instance.

