```xml
<mxfile host="65bd71144e">
    <diagram name="Page-1" id="auu-L-ezzE6xjb8iTqmj">
        <mxGraphModel dx="3021" dy="1437" grid="1" gridSize="10" guides="1" tooltips="1" connect="1" arrows="1" fold="1" page="1" pageScale="1" pageWidth="850" pageHeight="1100" math="0" shadow="0">
            <root>
                <mxCell id="0"/>
                <mxCell id="1" parent="0"/>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-3" style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;" parent="1" source="YaDuqIvMESt84pDY1Rs2-2" edge="1">
                    <mxGeometry relative="1" as="geometry">
                        <mxPoint x="260" y="349" as="targetPoint"/>
                    </mxGeometry>
                </mxCell>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-4" value="Task" style="edgeLabel;html=1;align=center;verticalAlign=middle;resizable=0;points=[];" parent="YaDuqIvMESt84pDY1Rs2-3" vertex="1" connectable="0">
                    <mxGeometry x="0.0053" relative="1" as="geometry">
                        <mxPoint as="offset"/>
                    </mxGeometry>
                </mxCell>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-2" value="Actor" style="shape=umlActor;verticalLabelPosition=bottom;verticalAlign=top;html=1;outlineConnect=0;" parent="1" vertex="1">
                    <mxGeometry x="-150" y="310" width="30" height="60" as="geometry"/>
```

```xml
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-9" style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;exitX=1;exitY=0.5;exitDx=0;exitDy=0;exitPerimeter=0;entryX=0;entryY=0.5;entryDx=0;entryDy=0;entryPerimeter=0;" parent="1" source="YaDuqIvMESt84pDY1Rs2-5" target="YaDuqIvMESt84pDY1Rs2-11" edge="1">
          <mxGeometry relative="1" as="geometry"/>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-5" value="" style="sketch=0;points=[[0,0,0],[0.25,0,0],[0.5,0,0],[0.75,0,0],[1,0,0],[0,1,0],[0.25,1,0],[0.5,1,0],[0.75,1,0],[1,1,0],[0,0.25,0],[0,0.5,0],[0,0.75,0],[1,0.25,0],[1,0.5,0],[1,0.75,0]];outlineConnect=0;fontColor=#232F3E;fillColor=#8C4FFF;strokeColor=#ffffff;dashed=0;verticalLabelPosition=bottom;verticalAlign=top;align=center;html=1;fontSize=12;fontStyle=0;aspect=fixed;shape=mxgraph.aws4.resourceIcon;resIcon=mxgraph.aws4.route_53;" parent="1" vertex="1">
          <mxGeometry x="260" y="301" width="78" height="78" as="geometry"/>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-6" value="DNS Management for api.swarms.world" style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=none;fillColor=none;" parent="1" vertex="1">
          <mxGeometry x="180" y="408" width="240" height="30" as="geometry"/>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-7" value="" style="outlineConnect=0;dashed=0;verticalLabelPosition=bottom;verticalAlign=top;align=center;html=1;shape=mxgraph.aws3.application_load_balancer;fillColor=#F58534;gradientColor=none;shadow=1;" parent="1" vertex="1">
```

```xml
            <mxGeometry x="590" y="410" width="69" height="72" as="geometry"/>
        </mxCell>
        <UserObject label="https://skypilot.readthedocs.io/en/latest/serving/sky-serve.html"
link="https://skypilot.readthedocs.io/en/latest/serving/sky-serve.html"
id="YaDuqIvMESt84pDY1Rs2-8">
            <mxCell
style="rounded=0;whiteSpace=wrap;html=1;opacity=10;strokeWidth=6;strokeColor=#ff0000;movabl
e=0;resizable=0;rotatable=0;deletable=0;editable=0;locked=1;connectable=0;" parent="1"
vertex="1">
                <mxGeometry x="490" y="150" width="1410" height="765" as="geometry"/>
            </mxCell>
        </UserObject>
            <mxCell id="YaDuqIvMESt84pDY1Rs2-10" value="Skypilot"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
            <mxGeometry x="865" y="118" width="70" height="30" as="geometry"/>
        </mxCell>
            <mxCell id="YaDuqIvMESt84pDY1Rs2-16"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1" source="YaDuqIvMESt84pDY1Rs2-11" target="YaDuqIvMESt84pDY1Rs2-13"
edge="1">
            <mxGeometry relative="1" as="geometry">
                <Array as="points">
                    <mxPoint x="620" y="330"/>
                </Array>
            </mxGeometry>
```

```xml
                </mxCell>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-21"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1"    source="YaDuqIvMESt84pDY1Rs2-11"    target="YaDuqIvMESt84pDY1Rs2-17"
edge="1">
                    <mxGeometry relative="1" as="geometry"/>
                </mxCell>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-22"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1"    source="YaDuqIvMESt84pDY1Rs2-11"    target="YaDuqIvMESt84pDY1Rs2-19"
edge="1">
                    <mxGeometry relative="1" as="geometry">
                        <Array as="points">
                            <mxPoint x="620" y="730"/>
                        </Array>
                    </mxGeometry>
                </mxCell>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-11" value=""
style="outlineConnect=0;dashed=0;verticalLabelPosition=bottom;verticalAlign=top;align=center;html
=1;shape=mxgraph.aws3.classic_load_balancer;fillColor=#F58534;gradientColor=none;" parent="1"
vertex="1">
                    <mxGeometry x="540" y="400" width="160" height="150" as="geometry"/>
                </mxCell>
                <mxCell id="YaDuqIvMESt84pDY1Rs2-12" value="EC2 Load Balancer"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
```

```xml
            <mxGeometry x="555" y="560" width="130" height="30" as="geometry"/>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-30"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1" source="YaDuqIvMESt84pDY1Rs2-13" target="YaDuqIvMESt84pDY1Rs2-24"
edge="1">
            <mxGeometry relative="1" as="geometry"/>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-31"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1" source="YaDuqIvMESt84pDY1Rs2-13" target="YaDuqIvMESt84pDY1Rs2-26"
edge="1">
            <mxGeometry relative="1" as="geometry"/>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-34"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1" source="YaDuqIvMESt84pDY1Rs2-13" target="YaDuqIvMESt84pDY1Rs2-27"
edge="1">
            <mxGeometry relative="1" as="geometry">
              <Array as="points">
                <mxPoint x="992" y="451"/>
              </Array>
            </mxGeometry>
        </mxCell>
        <mxCell id="YaDuqIvMESt84pDY1Rs2-13" value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
```

```
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#ECECEC;
strokeColor=#3F205E;aspect=fixed;" parent="1" vertex="1">
        <mxGeometry x="930" y="246" width="123" height="124" as="geometry"/>
    </mxCell>
            <mxCell id="YaDuqIvMESt84pDY1Rs2-14" value="EC2 Sky Pilot Serve
Controller&lt;div&gt;[Kubernetes                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
        <mxGeometry x="900" y="375" width="190" height="40" as="geometry"/>
    </mxCell>
                    <mxCell   id="YaDuqIvMESt84pDY1Rs2-17"   value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#ECECEC;
strokeColor=#3F205E;aspect=fixed;" parent="1" vertex="1">
        <mxGeometry x="933.5" y="488" width="123" height="124" as="geometry"/>
    </mxCell>
            <mxCell id="YaDuqIvMESt84pDY1Rs2-18" value="EC2 Sky Pilot Serve
Controller&lt;div&gt;[Kubernetes                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
        <mxGeometry x="900" y="630" width="190" height="40" as="geometry"/>
    </mxCell>
                            <mxCell    id="YaDuqIvMESt84pDY1Rs2-43"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1"      source="YaDuqIvMESt84pDY1Rs2-19"      target="YaDuqIvMESt84pDY1Rs2-37"
edge="1">
```

```
                <mxGeometry relative="1" as="geometry"/>
        </mxCell>
                                        <mxCell    id="YaDuqIvMESt84pDY1Rs2-44"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1"       source="YaDuqIvMESt84pDY1Rs2-19"       target="YaDuqIvMESt84pDY1Rs2-39"
edge="1">
                <mxGeometry relative="1" as="geometry"/>
        </mxCell>
                                        <mxCell    id="YaDuqIvMESt84pDY1Rs2-45"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1"       source="YaDuqIvMESt84pDY1Rs2-19"       target="YaDuqIvMESt84pDY1Rs2-40"
edge="1">
                <mxGeometry relative="1" as="geometry">
            <Array as="points">
                <mxPoint x="1001" y="890"/>
            </Array>
                </mxGeometry>
        </mxCell>
                                    <mxCell   id="YaDuqIvMESt84pDY1Rs2-19"   value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#ECECEC;
strokeColor=#3F205E;aspect=fixed;" parent="1" vertex="1">
                <mxGeometry x="940" y="700" width="123" height="124" as="geometry"/>
        </mxCell>
                    <mxCell  id="YaDuqIvMESt84pDY1Rs2-20"  value="EC2  Sky  Pilot  Serve
Controller&lt;div&gt;[Kubernetes                                    Cluster]&lt;/div&gt;"
```

```
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
                <mxGeometry x="920" y="830" width="190" height="40" as="geometry"/>
        </mxCell>
                                        <mxCell    id="YaDuqIvMESt84pDY1Rs2-24"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;" parent="1" vertex="1">
                <mxGeometry x="1170" y="200" width="61.5" height="62" as="geometry"/>
        </mxCell>
                        <mxCell   id="YaDuqIvMESt84pDY1Rs2-25"   value="EC2   Sky   Pilot   Serve
Replica&lt;div&gt;[Kubernetes                                                      Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
                <mxGeometry x="1115.75" y="270" width="170" height="40" as="geometry"/>
        </mxCell>
                                        <mxCell    id="YaDuqIvMESt84pDY1Rs2-26"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;" parent="1" vertex="1">
                <mxGeometry x="1170" y="317" width="61.5" height="62" as="geometry"/>
        </mxCell>
                                        <mxCell    id="YaDuqIvMESt84pDY1Rs2-27"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;" parent="1" vertex="1">
```

```
                <mxGeometry x="1170" y="420" width="61.5" height="62" as="geometry"/>
        </mxCell>
                        <mxCell id="YaDuqIvMESt84pDY1Rs2-28" value="EC2 Sky Pilot Serve
Replica&lt;div&gt;[Kubernetes                                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
                <mxGeometry x="1125.75" y="380" width="170" height="40" as="geometry"/>
        </mxCell>
                        <mxCell id="YaDuqIvMESt84pDY1Rs2-29" value="EC2 Sky Pilot Serve
Replica&lt;div&gt;[Kubernetes                                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
                <mxGeometry x="1115.75" y="480" width="170" height="40" as="geometry"/>
        </mxCell>
                                                <mxCell id="YaDuqIvMESt84pDY1Rs2-35"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1" target="YaDuqIvMESt84pDY1Rs2-37" edge="1">
                <mxGeometry relative="1" as="geometry">
                    <mxPoint x="1073.63" y="748" as="sourcePoint"/>
                </mxGeometry>
        </mxCell>
                                                <mxCell id="YaDuqIvMESt84pDY1Rs2-36"
style="edgeStyle=orthogonalEdgeStyle;rounded=0;orthogonalLoop=1;jettySize=auto;html=1;"
parent="1" target="YaDuqIvMESt84pDY1Rs2-39" edge="1">
                <mxGeometry relative="1" as="geometry">
                    <mxPoint x="1073.63" y="748" as="sourcePoint"/>
```

```
        </mxGeometry>
      </mxCell>
                      <mxCell    id="YaDuqIvMESt84pDY1Rs2-37"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;" parent="1" vertex="1">
        <mxGeometry x="1190.63" y="640" width="61.5" height="62" as="geometry"/>
      </mxCell>
              <mxCell  id="YaDuqIvMESt84pDY1Rs2-38"  value="EC2  Sky  Pilot  Serve
Replica&lt;div&gt;[Kubernetes                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
        <mxGeometry x="1136.38" y="710" width="170" height="40" as="geometry"/>
      </mxCell>
                      <mxCell    id="YaDuqIvMESt84pDY1Rs2-39"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;" parent="1" vertex="1">
        <mxGeometry x="1190.63" y="757" width="61.5" height="62" as="geometry"/>
      </mxCell>
                      <mxCell    id="YaDuqIvMESt84pDY1Rs2-40"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;" parent="1" vertex="1">
        <mxGeometry x="1190.63" y="860" width="61.5" height="62" as="geometry"/>
      </mxCell>
```

```xml
                    <mxCell id="YaDuqIvMESt84pDY1Rs2-41" value="EC2 Sky Pilot Serve
Replica&lt;div&gt;[Kubernetes                                          Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
                    <mxGeometry x="1146.38" y="820" width="170" height="40" as="geometry"/>
            </mxCell>
                    <mxCell id="YaDuqIvMESt84pDY1Rs2-42" value="EC2 Sky Pilot Serve
Replica&lt;div&gt;[Kubernetes                                          Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;" parent="1" vertex="1">
                    <mxGeometry x="1136.38" y="920" width="170" height="40" as="geometry"/>
            </mxCell>
        </root>
    </mxGraphModel>
  </diagram>
  <diagram id="o2kH5qKtdpDKY_vggKhU" name="Page-2">
        <mxGraphModel dx="2450" dy="1059" grid="0" gridSize="10" guides="1" tooltips="1"
connect="1" arrows="1" fold="1" page="1" pageScale="1" pageWidth="850" pageHeight="1100"
background="none" math="0" shadow="1">
        <root>
            <mxCell id="0"/>
            <mxCell id="1" parent="0"/>
                                        <mxCell      id="w--seLf4fglY1tGCu-gl-1"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-3">
                    <mxGeometry relative="1" as="geometry">
```

```
                <mxPoint x="260" y="348.9999999999998" as="targetPoint"/>

            </mxGeometry>

        </mxCell>

                                <mxCell    id="w--seLf4fglY1tGCu-gl-2"    value="Task"
style="edgeLabel;html=1;align=center;verticalAlign=middle;resizable=0;points=[];rounded=1;"

vertex="1" connectable="0" parent="w--seLf4fglY1tGCu-gl-1">

            <mxGeometry x="0.0053" relative="1" as="geometry">

                <mxPoint as="offset"/>

            </mxGeometry>

        </mxCell>

                                <mxCell    id="w--seLf4fglY1tGCu-gl-3"    value="Actor"
style="shape=umlActor;verticalLabelPosition=bottom;verticalAlign=top;html=1;outlineConnect=0;rou

nded=1;" vertex="1" parent="1">

            <mxGeometry x="-150" y="310" width="30" height="60" as="geometry"/>

        </mxCell>

                                        <mxCell        id="w--seLf4fglY1tGCu-gl-4"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;exitX=1

;exitY=0.5;exitDx=0;exitDy=0;exitPerimeter=0;entryX=0;entryY=0.5;entryDx=0;entryDy=0;entryPeri

meter=0;" edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-5" target="w--seLf4fglY1tGCu-gl-12">

            <mxGeometry relative="1" as="geometry"/>

        </mxCell>

                                <mxCell    id="w--seLf4fglY1tGCu-gl-5"    value=""
style="points=[[0,0,0],[0.25,0,0],[0.5,0,0],[0.75,0,0],[1,0,0],[0,1,0],[0.25,1,0],[0.5,1,0],[0.75,1,0],[1,1,0],

[0,0.25,0],[0,0.5,0],[0,0.75,0],[1,0.25,0],[1,0.5,0],[1,0.75,0]];outlineConnect=0;fontColor=#232F3E;fill

Color=#8C4FFF;strokeColor=#ffffff;dashed=0;verticalLabelPosition=bottom;verticalAlign=top;align=c

enter;html=1;fontSize=12;fontStyle=0;aspect=fixed;shape=mxgraph.aws4.resourceIcon;resIcon=mx
```

```
graph.aws4.route_53;rounded=1;" vertex="1" parent="1">
        <mxGeometry x="260" y="301" width="78" height="78" as="geometry"/>
    </mxCell>
    <mxCell id="w--seLf4fglY1tGCu-gl-6" value="DNS Management for api.swarms.world"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
        <mxGeometry x="180" y="408" width="240" height="30" as="geometry"/>
    </mxCell>
                                        <mxCell    id="w--seLf4fglY1tGCu-gl-7"    value=""
style="outlineConnect=0;dashed=0;verticalLabelPosition=bottom;verticalAlign=top;align=center;html
=1;shape=mxgraph.aws3.application_load_balancer;fillColor=#F58534;gradientColor=none;shadow
=1;rounded=1;" vertex="1" parent="1">
        <mxGeometry x="590" y="410" width="69" height="72" as="geometry"/>
    </mxCell>
            <mxCell  id="w--seLf4fglY1tGCu-gl-8"  value="&lt;font  style=&quot;font-size:
37px;&quot;&gt;Skypilot&lt;/font&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
        <mxGeometry x="826" y="105" width="148" height="56" as="geometry"/>
    </mxCell>
                                        <mxCell     id="w--seLf4fglY1tGCu-gl-9"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-12" target="w--seLf4fglY1tGCu-gl-17">
        <mxGeometry relative="1" as="geometry">
            <Array as="points">
                <mxPoint x="620" y="330"/>
```

```xml
        </Array>
      </mxGeometry>
    </mxCell>
    <mxCell    id="w--seLf4fglY1tGCu-gl-10"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-12" target="w--seLf4fglY1tGCu-gl-19">
        <mxGeometry relative="1" as="geometry"/>
    </mxCell>
    <mxCell    id="w--seLf4fglY1tGCu-gl-11"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-12" target="w--seLf4fglY1tGCu-gl-24">
        <mxGeometry relative="1" as="geometry">
          <Array as="points">
            <mxPoint x="620" y="730"/>
          </Array>
        </mxGeometry>
    </mxCell>
    <mxCell    id="w--seLf4fglY1tGCu-gl-12"    value=""
style="outlineConnect=0;dashed=0;verticalLabelPosition=bottom;verticalAlign=top;align=center;html
=1;shape=mxgraph.aws3.classic_load_balancer;fillColor=#F58534;gradientColor=none;rounded=1;"
vertex="1" parent="1">
        <mxGeometry x="540" y="400" width="160" height="150" as="geometry"/>
    </mxCell>
    <mxCell  id="w--seLf4fglY1tGCu-gl-13"  value="api.swarms.world/v1/proxy"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
```

```xml
          <mxGeometry x="541" y="562" width="159" height="26" as="geometry"/>
      </mxCell>
                                              <mxCell     id="w--seLf4fglY1tGCu-gl-14"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-17" target="w--seLf4fglY1tGCu-gl-26">
          <mxGeometry relative="1" as="geometry"/>
      </mxCell>
                                              <mxCell     id="w--seLf4fglY1tGCu-gl-15"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-17" target="w--seLf4fglY1tGCu-gl-28">
          <mxGeometry relative="1" as="geometry"/>
      </mxCell>
                                              <mxCell     id="w--seLf4fglY1tGCu-gl-16"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-17" target="w--seLf4fglY1tGCu-gl-29">
          <mxGeometry relative="1" as="geometry">
            <Array as="points">
              <mxPoint x="992" y="451"/>
            </Array>
          </mxGeometry>
      </mxCell>
                                      <mxCell     id="w--seLf4fglY1tGCu-gl-17"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#ECECEC;
strokeColor=#3F205E;aspect=fixed;rounded=1;" vertex="1" parent="1">
          <mxGeometry x="930" y="246" width="123" height="124" as="geometry"/>
```

```
        </mxCell>
                        <mxCell id="w--seLf4fglY1tGCu-gl-18" value="EC2 Sky Pilot Serve
Controller&lt;div&gt;[Kubernetes                                          Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="900" y="375" width="190" height="40" as="geometry"/>
        </mxCell>
                                    <mxCell   id="w--seLf4fglY1tGCu-gl-19"   value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#ECECEC;
strokeColor=#3F205E;aspect=fixed;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="933.5" y="488" width="123" height="124" as="geometry"/>
        </mxCell>
                        <mxCell id="w--seLf4fglY1tGCu-gl-20" value="EC2 Sky Pilot Serve
Controller&lt;div&gt;[Kubernetes                                          Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="900" y="630" width="190" height="40" as="geometry"/>
        </mxCell>
                                        <mxCell    id="w--seLf4fglY1tGCu-gl-21"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-24" target="w--seLf4fglY1tGCu-gl-34">
            <mxGeometry relative="1" as="geometry"/>
        </mxCell>
                                        <mxCell    id="w--seLf4fglY1tGCu-gl-22"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
```

```
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-24" target="w--seLf4fglY1tGCu-gl-36">

        <mxGeometry relative="1" as="geometry"/>

      </mxCell>

                                            <mxCell     id="w--seLf4fglY1tGCu-gl-23"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" source="w--seLf4fglY1tGCu-gl-24" target="w--seLf4fglY1tGCu-gl-37">

        <mxGeometry relative="1" as="geometry">

         <Array as="points">

           <mxPoint x="1001" y="890"/>

         </Array>

        </mxGeometry>

      </mxCell>

                                            <mxCell    id="w--seLf4fglY1tGCu-gl-24"     value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#ECECEC;
strokeColor=#3F205E;aspect=fixed;rounded=1;" vertex="1" parent="1">

        <mxGeometry x="940" y="700" width="123" height="124" as="geometry"/>

      </mxCell>

                        <mxCell  id="w--seLf4fglY1tGCu-gl-25"  value="EC2  Sky  Pilot  Serve
Controller&lt;div&gt;[Kubernetes                                  Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">

        <mxGeometry x="920" y="830" width="190" height="40" as="geometry"/>

      </mxCell>

                                            <mxCell    id="w--seLf4fglY1tGCu-gl-26"     value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
```

nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str

okeColor=#82b366;aspect=fixed;rounded=1;" vertex="1" parent="1">

                                         <mxGeometry x="1170" y="200" width="61.5" height="62" as="geometry"/>

          </mxCell>

                             <mxCell id="w--seLf4fglY1tGCu-gl-27" value="EC2 Sky Pilot Serve

Replica<div>[Kubernetes   Cluster]</div>"

style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n

one;fillColor=none;rounded=1;" vertex="1" parent="1">

                                         <mxGeometry x="1115.75" y="270" width="170" height="40" as="geometry"/>

          </mxCell>

                                         <mxCell id="w--seLf4fglY1tGCu-gl-28" value=""

style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon

nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str

okeColor=#82b366;aspect=fixed;rounded=1;" vertex="1" parent="1">

                                         <mxGeometry x="1170" y="317" width="61.5" height="62" as="geometry"/>

          </mxCell>

                                         <mxCell id="w--seLf4fglY1tGCu-gl-29" value=""

style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon

nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str

okeColor=#82b366;aspect=fixed;rounded=1;" vertex="1" parent="1">

                                         <mxGeometry x="1170" y="420" width="61.5" height="62" as="geometry"/>

          </mxCell>

                             <mxCell id="w--seLf4fglY1tGCu-gl-30" value="EC2 Sky Pilot Serve

Replica<div>[Kubernetes   Cluster]</div>"

style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n

one;fillColor=none;rounded=1;" vertex="1" parent="1">

```
              <mxGeometry x="1125.75" y="380" width="170" height="40" as="geometry"/>
        </mxCell>
                              <mxCell  id="w--seLf4fglY1tGCu-gl-31"  value="EC2  Sky  Pilot  Serve
Replica&lt;div&gt;[Kubernetes                                        Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
              <mxGeometry x="1115.75" y="480" width="170" height="40" as="geometry"/>
        </mxCell>
                                                      <mxCell     id="w--seLf4fglY1tGCu-gl-32"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" target="w--seLf4fglY1tGCu-gl-34">
              <mxGeometry relative="1" as="geometry">
                <mxPoint x="1073.63" y="748" as="sourcePoint"/>
              </mxGeometry>
        </mxCell>
                                                      <mxCell     id="w--seLf4fglY1tGCu-gl-33"
style="edgeStyle=orthogonalEdgeStyle;rounded=1;orthogonalLoop=1;jettySize=auto;html=1;"
edge="1" parent="1" target="w--seLf4fglY1tGCu-gl-36">
              <mxGeometry relative="1" as="geometry">
                <mxPoint x="1073.63" y="748" as="sourcePoint"/>
              </mxGeometry>
        </mxCell>
                                                      <mxCell    id="w--seLf4fglY1tGCu-gl-34"    value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;rounded=1;" vertex="1" parent="1">
```

```xml
                    <mxGeometry x="1190.63" y="640" width="61.5" height="62" as="geometry"/>
        </mxCell>

                        <mxCell id="w--seLf4fglY1tGCu-gl-35" value="EC2 Sky Pilot Serve
Replica&lt;div&gt;[Kubernetes                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="1136.38" y="710" width="170" height="40" as="geometry"/>
        </mxCell>

                                    <mxCell id="w--seLf4fglY1tGCu-gl-36" value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="1190.63" y="757" width="61.5" height="62" as="geometry"/>
        </mxCell>

                                    <mxCell id="w--seLf4fglY1tGCu-gl-37" value=""
style="verticalLabelPosition=bottom;html=1;verticalAlign=top;strokeWidth=1;align=center;outlineCon
nect=0;dashed=0;outlineConnect=0;shape=mxgraph.aws3d.application_server;fillColor=#d5e8d4;str
okeColor=#82b366;aspect=fixed;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="1190.63" y="860" width="61.5" height="62" as="geometry"/>
        </mxCell>

                        <mxCell id="w--seLf4fglY1tGCu-gl-38" value="EC2 Sky Pilot Serve
Replica&lt;div&gt;[Kubernetes                                    Cluster]&lt;/div&gt;"
style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n
one;fillColor=none;rounded=1;" vertex="1" parent="1">
            <mxGeometry x="1146.38" y="820" width="170" height="40" as="geometry"/>
        </mxCell>
```

```xml
<mxCell id="w--seLf4fglY1tGCu-gl-39" value="EC2 Sky Pilot Serve Replica&lt;div&gt;[Kubernetes Cluster]&lt;/div&gt;" style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=none;fillColor=none;rounded=1;" vertex="1" parent="1">
    <mxGeometry x="1136.38" y="920" width="170" height="40" as="geometry"/>
</mxCell>
<mxCell id="w--seLf4fglY1tGCu-gl-40" value="api.swarms.world" style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=none;fillColor=none;rounded=1;" vertex="1" parent="1">
    <mxGeometry x="239" y="260" width="120" height="30" as="geometry"/>
</mxCell>
<mxCell id="w--seLf4fglY1tGCu-gl-41" value="" style="whiteSpace=wrap;html=1;opacity=10;fillColor=#0050ef;fontColor=#ffffff;strokeColor=#001DBC;movable=0;resizable=0;rotatable=0;deletable=0;editable=0;connectable=0;" vertex="1" parent="1">
    <mxGeometry x="855" y="164" width="526" height="854" as="geometry"/>
</mxCell>
<mxCell id="w--seLf4fglY1tGCu-gl-42" value="Proxy Router" style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=none;fillColor=none;rounded=1;" vertex="1" parent="1">
    <mxGeometry x="575" y="363" width="90" height="30" as="geometry"/>
</mxCell>
<mxCell id="w--seLf4fglY1tGCu-gl-43" value="&lt;span style=&quot;font-size: 37px;&quot;&gt;Llava3&lt;/span&gt;" style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=none;fillColor=none;rounded=1;" vertex="1" parent="1">
```

```
                <mxGeometry x="928.5" y="183" width="127" height="56" as="geometry"/>

        </mxCell>

                    <mxCell  id="w--seLf4fglY1tGCu-gl-44"  value="&lt;span  style=&quot;font-size:
37px;&quot;&gt;COGVLM&lt;/span&gt;"

style="text;html=1;align=center;verticalAlign=middle;resizable=0;points=[];autosize=1;strokeColor=n

one;fillColor=none;rounded=1;" vertex="1" parent="1">

            <mxGeometry x="908.5" y="426" width="178" height="56" as="geometry"/>

        </mxCell>

         <mxCell id="w--seLf4fglY1tGCu-gl-45" value="# Todo&lt;br&gt;- Move Subdomain hosting

to route 53&lt;br&gt;- Move Proxy to lambda functions for scalability&lt;br&gt;- Extreme profiling and

monitoring                    of                    clusters&amp;nbsp;&lt;br&gt;-&amp;nbsp;"

style="rounded=1;whiteSpace=wrap;html=1;fontSize=37;opacity=10;fillColor=#d80073;fontColor=#ff

ffff;strokeColor=#A50040;align=left;" vertex="1" parent="1">

            <mxGeometry x="-178" y="658" width="587" height="329" as="geometry"/>

        </mxCell>

     </root>

    </mxGraphModel>

  </diagram>

</mxfile>
```