

Azure Function for Stripe Checkout - Deployment Guide

Function Name:

create-checkout-session

Purpose:

This Azure Function enables Stripe Checkout sessions for paying invoices submitted via the frontend form

Prerequisites:

- An active Azure Function App (Node.js runtime)
- Node.js environment (LTS recommended)
- Stripe account with API keys
- stripe package installed (npm install stripe)

Folder Structure:

create-checkout-session/

■■■■ index.js

■■■■ function.json

■■■■ package.json

■■■■ README.md

index.js

```
-----  
const stripe = require('stripe')(process.env.STRIPE_SECRET_KEY);
```

```
module.exports = async function (context, req) {  
  const { invoice, amount } = req.body;  
  
  if (!invoice || !amount) {  
    context.res = {  
      status: 400,  
      body: { error: "Missing required fields." }  
    };  
    return;  
  }  
  
  try {  
    const session = await stripe.checkout.sessions.create({  
      payment_method_types: ['card'],  
      line_items: [{  
        price_data: {  
          currency: 'aud',  
          product_data: {  
            name: `Invoice #${invoice}`,  
          },  
          unit_amount: Math.round(parseFloat(amount) * 100),  
        },  
        quantity: 1,  
      }],  
      mode: 'payment',  
      success_url: 'https://yourdomain.com/success',  
      cancel_url: 'https://yourdomain.com/cancel',  
      metadata: { invoice }  
    });  
  }  
};
```

```

        context.res = {
            body: { id: session.id }
        };
    } catch (err) {
        context.res = {
            status: 500,
            body: { error: err.message }
        };
    }
};

```

function.json

```

-----
{
  "bindings": [
    {
      "authLevel": "anonymous",
      "type": "httpTrigger",
      "direction": "in",
      "name": "req",
      "methods": ["post"],
      "route": "create-checkout-session"
    },
    {
      "type": "http",
      "direction": "out",
      "name": "res"
    }
  ]
}

```

package.json

```

-----
{
  "name": "stripe-checkout-function",
  "version": "1.0.0",
  "main": "index.js",
  "dependencies": {
    "stripe": "^12.0.0"
  }
}

```

Environment Variables:

Add this securely in Application Settings in Azure Function App:

Key	Value (from Stripe Dashboard)
STRIPE_SECRET_KEY	sk_test_... or sk_live_...

Frontend Integration:

Frontend sends a POST request to the endpoint:

POST /api/create-checkout-session

Content-Type: application/json

```

{

```

```
"invoice": "INV-12345",  
"amount": "99.00"  
}
```

Test with Stripe:

Use test keys and test cards from Stripe for validation:

- Test Card: 4242 4242 4242 4242
- Expiry: Any future date
- CVC: Any 3 digits